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January 15, 2002

#### VIA HAND DELIVERY

BOSTON

Ms. Carlyn Winter Prisk (3HS11)

BRUSSELS

HARRISBURG

U.S. Environmental Protection Agency,

Region III

1650 Arch Street

Philadelphia, PA 19103-2029

HARTFORD

Re: Lower Darby Creek Area Superfund Site Response to 104(e) Request for Information

LONDON

Dear Ms. Prisk:

NEW YORK

NEWPORT REACH

PARIS

PHILADELPHIA

PRINCETON

WASHINGTON

On behalf of our client, News America Incorporated, we are submitting the enclosed response to the 104(e) request sent to "TV Guide Magazine." We have identified one other source of potentially responsive information, which source we intend to investigate over the next few weeks. We will update the enclosed response as necessary based on the results of that investigation.

Please direct any related questions or communications to my attention.

Very truly yours,

old. L John M. Ix

JMI/rc

**Enclosures** 

Jan F. Constantine, Esq. (w/encl.) Lois Kimbol, Esq. (w/o encl.)

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## RESPONSE OF NEWS AMERICA INCORPORATED TO EPA'S 104(E) REQUEST DATED NOVEMBER 6, 2001 FOR LOWER DARBY CREEK AREA SUPERFUND SITE

- 1. State the name of your company, its mailing address, and telephone number. Further identify:
  - a. The dates and states of incorporation of your company;
  - b. The date and original state of incorporation of your company; and
  - c. The parent corporation of your company, if any, and all subsidiaries or other affiliated entities.

EPA's 104(e) request was sent to "TV Guide Magazine." During the time period referenced in the 104(e) request, 1958 to 1976 (hereinafter the "Relevant Period"), TV Guide magazine was published by Triangle Publications, Inc. ("Triangle"). During the Relevant Period, TV Guide was not a separately incorporated entity. Triangle was incorporated in Delaware on December 6, 1940.

In 1988, after the Relevant Period, The News Corporation Limited ("TNCL"), through its various subsidiaries, purchased Triangle. On May 25, 1989, Triangle changed its name to News America Publications Inc. ("NAP"). In March 1999, TNCL merged NAP with United Video Satellite Group, Inc. ("USVG") in exchange for an approximate 44% equity interest in UVSG. Following this, USVG changed its name to TV Guide, Inc. and NAP changed its name to TV Guide Magazine Group, Inc. In July 2000, TV Guide, Inc. merged with Gemstar International Group Limited, which then changed its name to Gemstar-TV Guide International, Inc. As a result of these transactions, TV Guide Magazine Group, Inc. became an indirect subsidiary of TV Guide, Inc. and TV Guide, Inc. became a direct subsidiary of Gemstar-TV Guide International, Inc.

2. What is the current nature of the business or activity conducted at your establishment(s) in the Philadelphia, Pennsylvania area? What was the nature of your business or activity between 1958 and 1976? Please describe in detail. If the nature of your business or activity changed from the period of 1958 to 1976 to the present, please provide a detailed explanation of the changes to date.

Between 1958 and 1976, the TV Guide operating unit of Triangle operated from four locations in the Philadelphia, Pennsylvania area.

a. Broad & Callowhill, Philadelphia, PA: administrative/office services associated with the publication of TV Guide magazine (1954 to 1958).

- b. 250 King of Prussia Road, Radnor, PA: administrative/office services associated with the publication of TV Guide magazine (1958 (?) to 1980). These operations were moved to 100 Matsonford Road, Radnor, PA in 1980.
- c. 12 S. 12<sup>th</sup> Street, Philadelphia, PA: advertising services associated with the publication of TV Guide magazine. It is believed these operations occurred at this location from December 1, 1971 until some time after 1976.
- d. 440 N. Broad Street, Philadelphia, PA: gravure printing of TV Guide magazine by the printing division of Triangle. These operations ceased in 1977 or 1978.

Currently, administrative/office services associated with publishing TV Guide magazine occur at 100 Matsonford Road, Radnor, PA. No printing occurs at that location. TV Guide has no other location in the area.

3. Identify all persons currently or formerly employed by your establishment(s) who have or may have personal knowledge of your operations and waste disposal practices between 1958 and 1976 at your facilities in the Philadelphia, Pennsylvania area. For each such person, state that person's employer, job title, dates of employment, current address, and telephone number. If the current telephone number or address is not available, provide the last known telephone number or last known address of such person.

The following people were/are employed by Triangle and/or its successors and may have such knowledge:

- a. Richard Winfield, Building Manager, 1958 to 1996
- b. Richard Julason, Director of Facilities, 1997 to present (100 Matsonford Road, Radnor, PA (610.293.8507))
- c. Brian Bradfield, General Manager and Vice President, ~ 1953 to ~ 1989 (address/phone number unknown)
- d. Thomas O'Mara, Assistant to Business Manager, later Manager of Office Facilities, 1954 to early 1980s
- e. John Sheehan, General Manager (address/phone number unknown)
- f. Peter Abel, Esq., Attorney, ~ 1972 to ~ 1992 (

- g. Vincent Ohanyan, Chief Financial Officer/Senior Vice President, ~ 1991 to present, (100 Matsonford Road, Radnor, PA (610.293.8907))
- h. Amadeo Pantoni, employee at 440 N. Broad Street (address/phone number unknown)
- i. David Cutler, Plant Manager, 1960 to 1971 (address/phone number unknown)
- j. Charles DiNardo, employee at 440 N. Broad Street (address/phone number unknown)
- 4. Identify the owners and operators of your establishment(s) in the Philadelphia, Pennsylvania area from 1958 to the present. For each owner and operator further provide:
  - a. The dates of their operation;
  - b. The nature of their operation; and
  - c. All information or documents relating to the handling and/or generation, storage, treatment, recycling, formulation, disposal, or transportation of any hazardous substance, hazardous waste, pollutant, contaminant, or other waste during the period in which they were operating the establishment(s).

## See response to question No. 2

- a. Broad & Callowhill, Philadelphia, PA: Owners unknown. TV Guide's administrative operations here would only have generated non-hazardous office waste.
- b. 12 S. 12<sup>th</sup> Street, Philadelphia, PA: Leased site, PSFS Building, owners unknown. TV Guide's advertising services here would only have generated non-hazardous office waste.
- c. 250 King of Prussia Road, Radnor, PA: This facility was owned by Triangle. TV Guide's administrative operations here would only have generated non-hazardous office waste.
- d. 440 N. Broad Street, Philadelphia, PA: This printing facility was owned by Triangle until December 27, 1979. The facility generated small amounts of ink waste sludge, which was hand-shoveled into 55-gallon drums. The waste consisted of the ink left behind on the presses and rollers in the printing process. The ink was non-toxic, and OSHA did not

require testing of it. The sludge also contained extremely small amounts of solvent waste which was halothanics, heptane, hexane, xylene 7 and laxtol. Beginning in 1975, and continuing for approximately 1-2 years, toluene was used. After that, the facility switched back to the heptane/hexane composition. The solvent portion of the sludge was extremely small due to a very effective solvent recovery system which recovered and recycled 98% of all solvents used in the process. The solvent recovery system is described by John Sheehan and David Cutler in the attached deposition testimony (Exhibit A).

- e. 100 Matsonford Road, Radnor, PA: This facility is owned by The Rubenstein Co., L.P., 4100 1 Commerce Square, 2505 Market Street, Philadelphia, PA 19103. TV Guide's administrative operations here would only have generated non-hazardous office waste.
- 5. Describe the types of documents generated or maintained by your establishment(s) in the Philadelphia, Pennsylvania area concerning the handling and/or generation, storage, treatment, transportation, recycling, formulation, or disposal of any hazardous substance, hazardous waste, pollutant, contaminant or other waste between 1958 and 1976.
  - a. Provide a description of the information included in each type of document and identify the person who was/is the custodian of the documents;
  - b. Describe any permits or permit applications and any correspondence between your company and/or establishment(s), and any regulatory agencies regarding the transportation and disposal of such wastes; and
  - c. Describe any contracts or correspondence between your company and/or establishment(s) and any other company or entity regarding the transportation and disposal of such wastes.

#### No such TV Guide records have been located.

- 6. Identify every hazardous substance used, generated, purchased, stored, or otherwise handled at your establishment(s) in the Philadelphia, Pennsylvania area between 1958 and 1976. Provide chemical analyses and Material Safety Data Sheets ("MSDS"). With respect to each such hazardous substance, further identify:
  - a. The process(es) in which each hazardous substance was used, generated, purchased, stored, or otherwise handled;
  - b. The chemical composition, characteristics, and physical state (solid, liquid, or gas) of each such hazardous substance;

- c. The annual quantity of each such hazardous substance used, generated, purchased, stored, or otherwise handled;
- d. The beginning and ending dates of the period(s) during which such hazardous substance was used, generated, purchased, stored, or otherwise handled;
- e. The types and sizes of containers in which these substances were transported and stored; and
- f. The persons or companies that supplied each such hazardous substance to your company.

Hazardous substances were not used, generated, purchased, stored, or otherwise handled at the Broad & Callowhill, 12 S. 12<sup>th</sup> Street and 250 King of Prussia Road facilities. See the response to question no. 5 with respect to 440 N. Broad Street.

- 7. Identify all by-products and wastes generated, stored, transported, treated, disposed of released, or otherwise handled by your establishment(s) in the Philadelphia, Pennsylvania area between 1958 and 1976. With respect to each such by-product and waste identified, further provide:
  - a. The process(es) in which each such by-product and waste was generated, stored, transported, treated, disposed of, released, or otherwise handled;
  - b. The chemical composition, characteristics, and physical state (solid, liquid, or gas) of each such by-product or waste;
  - c. The annual quantities of each such by-product and waste generated, stored, transported, treated, disposed of, released, or otherwise handled;
  - d. The types, sizes, and numbers of containers used to treat, store, or dispose of each such by-product or waste;
  - e. The name of the individual(s) and/or company(ies) that disposed of or treated each such by-product or waste; and
  - f. The location and method of treatment and/or disposal of each such by-product or waste.

Only office wastes were generated, stored or otherwise handled at the Broad & Callowhill, 12 S. 12<sup>th</sup> Street and 250 King of Prussia Road facilities. No wastes were treated, disposed

of or released at those facilities. See response to question no. 5 with respect to 440 N. Broad Street.

- 8. Did your company ever contract with, or make arrangements with Clearview, Folcroft, Folcroft Annex, Eastern Industrial, Tri-County Hauling, S. Buckly Trash Hauling, Barratt Rupurt, McCloskey Engineering, ABM Disposal Services, Marvin Jonas, Jonas Waste Removal, Paolino Company, Schiavo Bros., Inc. and/or any other company or municipality to remove or transport material from your establishment(s) in the Philadelphia, Pennsylvania area between 1958 and 1976 for disposal? If so, for each transaction identified above, please identify:
  - a. The person with whom you made such a contract or arrangement;
  - b. The date(s) on which or time period during which such material was removed or transported for disposal;
  - c. The nature of such material, including the chemical content, characteristics, and physical state (i.e., liquid, solid, or gas);
  - d. The annual quantity (number of loads, gallons, drums) of such material;
  - e. The manner in which such material was containerized for shipment or disposal;
  - f. The location to which such material was transported for disposal;
  - g. The person(s) who selected the location to which such material was transported for disposal;
  - h. The individuals employed with any transporter identified (including truck drivers, dispatchers, managers, etc.) with whom your establishment dealt concerning removal or transportation of such material; and
  - i. Any billing information and documents (invoices, trip tickets, manifests, etc.) in your possession regarding arrangements made to remove or transport such material.

Jonas removed waste ink sludge from 440 N. Broad Street in 55 gallon drums. The ultimate destination of that waste is not known. However, the Jonas Registration Statement for 1974 (Exhibit B) lists disposal sites. Jonas records from 1970 through 1976 (Exhibit C) reflect that Jonas removed approximately 441 drums in 1970, 493 drums in 1971, 733 drums in 1972, 1,071 drums in 1973, 1,125 drums in 1974, 976 drums in 1975 and 813 drums in 1976. According to the deposition testimony of David Bumbaugh, a driver for Jonas, in the matter of N.J.D.E.P. v. Gloucester Environmental Management Services,

Inc. (D.N.J. No. 84-0152), he only picked up two to four full drums and 30 to 40 empty drums when he picked up waste from Triangle (Exhibit D). According to the deposition testimony of John Sheehan and David Cutler, formerly of Triangle, in the matter of <u>U.S. v. Rohm & Haas Company</u>, (D.N.J. No. 85-4386), Jonas picked up empty drums from the facility (Exhibit A). The estimated quantity of waste ink sludge, therefore, is approximately 2,426 gallons in 1970, 2,712 gallons in 1971, 4,032 gallons in 1972, 5,891 gallons in 1973, 6,186 gallons in 1974, 5,368 gallons in 1975, and 4,472 gallons in 1976. However, 14,608 gallons of this waste have already been allocated to the GEMS Superfund matter for years 1971 through 1974 and 34,585 gallons have been allocated to the Jonas Transfer Station matter for years 1970 through 1978.

Jonas also sold drums to Triangle (See Exhibit C, entries coded 6,000 or 7,000).

We have not identified any record of a contract or arrangement with any of the other entities listed in Question number 8 for removal or transportation of material during the Relevant Period.

- 9. Provide the names, titles, areas of responsibility, addresses, and telephone numbers of all persons who, between 1958 and 1976, may have:
  - a. Disposed of or treated materials at Clearview, Folcroft and Folcroft Annex or other areas of the Site;
  - b. Arranged for the disposal or treatment of materials at Clearview, Folcroft and Folcroft Annex or other areas of the Site; and/or
  - c. Arranged for the transportation of materials to Clearview, Folcroft and Folcroft Annex or other areas of the Site (either directly or through transshipment points) for disposal or treatment.

#### None known.

- 10. For every instance in which your establishment(s) disposed of or treated material at Clearview, Folcroft and Folcroft Annex or other areas of the Site, or arranged for the disposal or treatment of material at the Site, identify:
  - a. The date(s) en which such material was disposed of or treated at the Site;
  - b. The nature of such material, including the chemical content, characteristics, and physical state (i.e., liquid, solid, or gas);
  - c. The annual quantity (number of loads, gallons, drums) of such material;

- d. The specific location on the Site where such material was disposed of or treated; and
- e. Any billing information and documents (invoices, trip tickets, manifests, etc.) in your company's or establishment's(s') possession regarding arrangements made to dispose of or treat such material at the Site.

# No known disposal or treatment at Clearview, Folcroft or Folcroft Annex of material from TV Guide's facilities.

- 11. Did your establishment(s), or any other company or individual ever spill or cause a release of any chemicals, hazardous substances, and/or hazardous waste, and/or non-hazardous solid waste on any portion of Clearview, Folcroft and Folcroft Annex or any other portion of the site? If so, identify the following:
  - a. The date(s) the spill(s)/release(s) occurred;
  - b. The composition (i.e., chemical analysis) of the materials which were spilled/released;
  - c. The response made by you or on your behalf with respect to the spill(s)/release(s); and
  - d. The packaging, transportation, and final disposition of the materials which were spilled/released.

None of the entities identified in response to question no. 1 spilled or caused such a release. We have no knowledge of any other company or individual having done so.

12. Please identify individuals employed by your establishment(s) who were responsible for arranging for the removal and disposal of wastes, and individuals who were responsible for payments, payment approvals, and record keeping concerning such waste removal transactions at your Philadelphia, Pennsylvania area establishment(s) between 1958 and 1976. Provide current or last known addresses and telephone numbers where they may be reached. If these individuals are the same persons identified by your answer to question 3, so indicate.

As to Broad & Callowhill, Philadelphia, PA: Nobody we interviewed had responsive information.

As to 250 King of Prussia Road, Radnor, PA: Richard Winfield.

As to 12 S. 12th Street, Philadelphia, PA: Nobody interviewed had responsive information.

As to 440 N. Broad Street, Philadelphia, PA: Unknown.

13. Did you or any person or entity on your behalf ever conduct any environmental assessments or investigations relating to contamination at Clearview, Folcroft and Folcroft Annex or any other areas of the Site? If so, please provide all documents pertaining to such assessments or investigations.

No.

14. If you have any information about other parties who may have information which may assist the EPA in its investigation of the Site, including Clearview, Folcroft and Folcroft Annex, or who may be responsible for the generation of, transportation to, or release of contamination at the Site, please provide such information. The information you provide in response to this request should include the party's name, address, telephone number, type of business, and the reasons why you believe the party may have contributed to the contamination at the Site or may have information regarding the Site.

#### None.

- 15. Representative of your establishment(s):
  - a. identify the person(s) answering these questions on behalf of your establishment(s), including full name, mailing address, business telephone number, and relationship to the company.
  - b. Provide the name, title, current address, and telephone number of the individual representing your establishment(s) to whom future correspondence or telephone calls should be directed.

The person who gathered the information in response to these questions is John M. Ix, Esq., attorney for News America Incorporated. Information was provided by the persons identified in the response to Question No. 3, subparts a, b, d, f and g. The person who has

signed this response is Jan F. Constantine, Executive Vice President and Senior Deputy General Counsel of News America Incorporated.

Future correspondence or telephone calls should be directed to: John M. Ix, Esq., Dechert, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103 (215.994.2995).

- 16. If any of the documents solicited in this information request are no longer available, please indicate the reason why they are no longer available. If the records were destroyed, provide us with the following:
  - a. Your document retention policy;
  - b. A description of how the records were/are destroyed (burned, archived, trashed, etc.) and the approximate date of destruction;
  - c. A description of the type of information that would have been contained in the documents; and
  - d. The name, job title, and most current address known to you of the person(s) who would have produced these documents; the person(s) who would have been responsible for the retention of these documents; and the person(s) who would have been responsible for the destruction of these documents.

Documents related to waste disposal (from the Broad & Callowhill, 12 S. 12<sup>th</sup> Street, and 250 King of Prussia Road facilities) by the TV Guide operating unit of Triangle between 1958 and 1976 have not been located. It is believed that such records would not have been kept more than 7 years from creation. The documents would likely have been comprised of contracts (if any) with haulers of TV Guide's office waste, invoices from such haulers, and records of payments to such haulers. Documents related to waste disposal from 440 N. Broad Street have not been located, nor has information about such records been provided by those interviewed.

Jan F. Constantine, Esq.

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UNITED STATES DISTRICT COURT

MASTROIANNI & FORMAROLL INC.

Professionals Serving Prof

- I INFORMATION WITH RESPECT TO THE DISPOSAL OF THE
- 2 | SLUDGE WASTE AND THE OPERATION OF THE NEUTRALIZER?
- 3 **Å** A. NO.
- 4 Q. I THINK WE LEFT OFF OPERATIONALLY WITH THE
- 5 | ETCHING OPERATION. WHAT WAS THE NEXT OPERATIONAL
- A SPECT YOU WERE GOING TO DESCRIBE TO US?
- 7 A. THE PRESS OPERATION.
- 8 Q. AND WHAT DID THE PRESS OPERATION DO?
- 9 A. DURING THE PRESS OPERATION THE IMAGES THAT
- 10 WERE ETCHED ON THE PEINTING CYLINDERS WERE
- 11 TRANSFERRED BY THE USE OF INK ONTO THE TRAVEL OF A
- 12 PAPER WEB ON THE PRINTING PRESS.
- 13 Q. NOW, DID THAT PARTICULAR PROCESS GENERATE
- 14 ANY WASTE?
- 15 A. PLENTY. IT WAS THE -- THE WASTE GENERATED
- 16 WAS PAPER WASTE.
- 17 Q. AND WHAT OTHER KINDS?
- 18 A. AND EVENTUALLY A SLUDGE OF SPENT, THAT IS,
- 19 USED INKS.
- 20 Q. DO YOU KNOW WHAT THE COMPOSITION OF THE INKS
- 21 WAS AT THAT TIME?
- 22 A. THE CHEMICAL COMPOSITION?
- 23 | Q. YES.
- 24 A. NO.
- 25 Q. AND DID THAT PARTICULAR OPERATION GENERATE

ANY OTHER WASTE?

- A. NO.
- 3 Q. DID IT GENERATE ANY SOLVENT WASTE?
- 4 A. WELL, SOLVENT WAS RECAPTURED -- BETWEEN 85
- 5 AND 90 PERCENT OF THE SOLVENT THAT WAS IN THE INK
- A S IT WAS INTRODUCED INTO THE PRESS WAS RECAPTURED
- 7 THROUGH A RECOVERY SYSTEM WHICH SUCKED THE SOLVENT
- 8 VAPORS FROM A HOOD, AND BY USE OF A HOOD
- 9 IMMEDIATELY OVER THE PRINTING FOUNTAINS AND DREW
- 10 THOSE VAPORS INTO ABSORBER BEDS. THESE WERE HUGE
- 11 TANKS WITH CARBON AND THE SOLVENT WAS DISTILLED
- 12 BACK INTO A LIQUID FORM SO THAT WE DIDN'T CONSIDER
- 13 IT AS A WASTE, IT'S REALLY A HIGH PRODUCT, IN
- 14 EFFECT.
- 15 Q. AND WHAT WOULD HAPPEN TO THAT SOLVENT; WAS
- 16 IT IN A LIQUID FORM?
- 17 A. WE ACTUALLY RECOVERED MORE SOLVENT. LET ME
- 18 GO BACK JUST A STEP. WE PURCHASED INK, THE INK
- 19 DURING THIS PERIOD OF TIME WAS PURCHASED AND
- 20 DELIVERED IN DRUMS INITIALLY AND THEN EVENTUALLY
- 21 WAS -- AT SOME TIME DURING THE PERIOD WE INSTALLED
- 22 AN INK FARM WHICH CONSISTED OF A NUMBER OF HUGE
- 23 VATS SO THAT THE INK WAS DELIVERED IN BULK FORM
- 24 AND PUMPED INTO THE VATS, EACH VAT HAVING A
- 25 DIFFERENT COLOR OF INK. THAT INK WAS DELIVERED IN

- A VERY VISCOUS FORM, AND IN ORDER TO USE THE INK
- 2 IN THE PRINTING OPERATION, IT HAD TO BE DILUTED
- 3 WITH A SOLVENT. THE SOLVENT THAT WE WOULD RECOVER
- 4 | FROM THE PRESS OPERATION WAS USED TO DILUTE THE
- .5 | INK -- REUSED TO DILUTE THE INK. THE INK AS IT
- 6 WAS DELIVERED ALSO HAD SOLVENT IN IT. NOW, AS I
- 7 | SAY, WE RECOVERED 85 PERCENT OF THE SOLVENT BUT IN
- 8 THE OPERATION WE RECOVERED -- WE RECOVERED MORE
- 9 SOLVENT THAN WE ACTUALLY PUT INTO THE INK BECAUSE
- 10 SOLVENT WAS IN THE INK WHEN IT WAS DELIVERED TO
- us.
- 12 Q. LET ME ASK YOU THIS QUESTION THEN: DID YOU
- 13 GENERATE ANY RESIDUAL OR WASTE SOLVENT?
- 14 A. YES, SOLVENT REMAINED IN THE INK THAT WAS
- 15 LEFT OVER AFTER THE PRINTING OPERATION.
- 16 Q. THEN, AND IF I HAVE THIS WRONG, PLEASE
- 17 CORRECT ME, THEN ANY SOLVENT THAT WOULD BE
- IB | CONSIDERED AN EFFLUENT OF YOUR PROCESS WOULD HAVE
- BEEN MIXED IN WITH THE SPENT SLUDGE?
- 20 A. THAT'S RIGHT, THE SPENT INK AND THEN THE
- 21 RESIDUAL WAS THE SLUDGE.
- Q. NOW, WITH RESPECT TO THE OPERATION OF THE
- 23 MACHINES OR PRINTING PRESSES, DID, AT ANY TIME,
- 24 YOU HAVE TO CLEAN THOSE MACHINES?
- 25 A. CERTAINLY.



- I Q. AND WHAT WOULD YOU USE TO CLEAN THOSE
- 2 | MACHINES?

- 3 A. MY UNDERSTANDING IS THAT ONE OF THE
- 4 MATERIALS USED TO CLEAN THE PRESSES WAS SOLVENT.
- 5 Q. AND DO YOU KNOW WHAT HAPPENED TO THE
- 4 | SOLVENTS WHICH WERE USED TO CLEAN THOSE MACHINES?
- 7 A. WELL, THERE WAS LEFTOVER SOLVENT, SOLVENT
- 8 THAT GOT TOO DIRTY TO USE TO BE EFFECTIVE IN THE
- 9 CLEANING OF THE PRESS, YES.
- 10 Q. WOULD THAT BE DISPOSED OF?
- 11 A. YES, IT WOULD.
- 12 Q. HOW OFTEN WOULD YOU CLEAN THE MACHINES?
- 13 A. THE PRESSES WERE CLEANED -- WERE SUPPOSED TO
- 14 BE CLEANED AFTER EACH PRESS RUN. THAT WASN'T
- 15 ALWAYS DONE AND THOSE CLEANINGS WERE PRIMARILY TO
- 16 GET THE SUPERFICIAL INK SPLATTERS AND OTHER CRUD,
- 17 SO TO SPEAK, OFF THE PRESSES. PROCEDURALLY THEY
- 18 WERE CLEANED THOROUGHLY DURING A DOWN TIME PERIOD,
- 19 WHICH OCCURRED ERRATICALLY THROUGHOUT THE YEAR.
- 20 Q. LET ME ASK YOU HOW MUCH WASTE SOLVENT WOULD
- 21 BE GENERATED BY THE CLEANING OF THE PRESSES ON A
- 22 WEEKLY BASIS?
- 23 | A. I HAVE NO IDEA.
- 24 Q. CAN YOU ESTIMATE IT AT ALL?
- 25 A. NO, I CAN'T.

- Q. CAN YOU ESTIMATE ON A DAILY BASIS?
- 2 A. NO.

- 3 Q. NOW, YOU TESTIFIED THAT YOU GENERATED THIS
- 4 | SLUDGE WASTE AND CAN YOU TELL ME HOW THAT WASTE
- 5 WAS DISPOSED OF?
- 6 A. YES. TO MY KNOWLEDGE, THE WASTE WAS REMOVED
- 7 FROM THE PRINTING FOUNTAINS, FOUNTAINS WERE THE
- 8 CONTAINERS FOR THE INK, AND PUT INTO DRUMS. THE
- 9 DRUMS WERE OF SLUDGE OR SPENT INK OR THE CONTENTS
- 10 OF THE DRUMS WERE PUT INTO A DECANTER TANK AND THE
- 11 PURPOSE OF THAT WAS TO DRAIN OFF AS MUCH OF THE
- 12 SOLVENT AS WAS POSSIBLE. THAT SOLVENT WAS THEN
- 13 PUT INTO A CONTAINER OF WHAT WE CALLED DIRTY
- 14 | SOLVENT WHICH WAS THEN PUT INTO A NONCRITICAL
- 15 BLACK INK THAT WAS USED TO PRINT THE COMICS. THE
- 16 RESIDUE FROM THE DECANTER OPERATION WAS PUT INTO
- 17 DRUMS FOR DISPOSAL.
- 18 Q. AND WHO WAS IN CHARGE OF DISPOSING THOSE
- 19 WASTES?
- 20 A. WELL, AGAIN, THAT WAS A FUNCTION OF THE
- 21 MANUFACTURING OPERATION UNDER MR. CUTLER.
- 22 Q. DO YOU KNOW WHO PICKED UP THOSE WASTES FROM
- 23 YOUR PLANT?
- 24 A. YES.
- 25 Q. AND WHO WAS THAT?

- A. MARVIN JONAS.
- Q. NOW, THAT WAS -- STRIKE THAT.
- 3 WITH RESPECT TO THE PHOTOGRAPHIC AND ETCHING
- 4 | OPERATIONS, DID MARVIN JONAS ALSO PICK UP THAT
- 5 | SLUDGE?

- 6 ∥ A. NO.
- 7 ∥Q. HOW DO YOU KNOW THAT HE PICKED UP THIS
- 8 | PARTICULAR WASTE, THAT IS, THE WASTE FROM THE
- 9 PRESS ROOM?
- 10 A. WELL, FROM A VARIETY OF ENCOUNTERS. MUMPER
- ONE, UNDER MY JURISDICTION, WE PREPARED PURCHASE
- 12 ORDERS ADDRESSED TO MR. JONAS, IT WAS COMMON
- 13 KNOWLEDGE FOR THOSE OF US IN MANAGEMENT THAT JONAS
- 14 WAS USED TO TAKE AWAY THE EMPTY DRUMS, THE DIRTY
- 15 DRUMS. ALSO, WE PAID THE BILLS.
- 16 Q. DID YOU EVER DEAL WITH MARVIN JONAS
- 17 | DIRECTLY?
- 18 A. I NEVER DID, NO.
- 19 | Q. WHO DID DEAL WITH HIM?
- 20 A. I DON'T KNOW.
- 21 Q. WHAT WAS YOUR POSITION AT THE TIME THAT YOU
- 22 WERE SUPERVISING THE ISSUANCE OF PURCHASE ORDERS
- 23 FOR THE DISPOSAL OF WASTES FROM THE PRESS ROOM?
- 24 A. I WAS THE CHIEF ACCOUNTANT AT THAT TIME.
- 25 Q. AND HOW LONG HAD YOU HAD THAT JOB -- STRIKE

- YOU SHIPPED THROUGH MR. JONAS ON A WEEKLY BASIS?
- 2 A. IN THE FIRST PLACE, WE DIDN'T SHIP ON A
- 3 WEEKLY BASIS. IT WAS ON AN AS-REQUIRED BASIS AND
- 4 | I DON'T KNOW THE ANSWER TO THAT AS TO HOW MUCH WAS
- 5 | SHIPPED AT ANY ONE TIME. VARYING AMOUNTS, THOUGH.
- 6 Q. MR. JONAS HAS TESTIFIED THAT IN HIS
- 7 DEPOSITION THAT HE TOOK APPROXIMATELY 80 BARRELS A
- 8 WEEK, 80 DRUMS A WEEK FROM TRIANGLE. IS THAT AN
- 9 ACCURATE CHARACTERIZATION OF THE AMOUNT OF WASTE
- 10 HE PUULD HAVE TAKEN FROM TRIANGLE, TO YOUR
- 1) | KNOWLEDGE?
- 12 | A. I THINK IT IS INACCURATE.
- 13 Q. AND WHY DO YOU SAY THAT?
- 14 A. WE DIDN'T GENERATE NEARLY THAT QUANTITY OF
- 15 WASTE.
- 16 Q. DO YOU HAVE A GENERAL IDEA OF HOW MUCH WASTE
- 17 YOU WOULD HAVE GENERATED WHICH WOULD HAVE BEEN
- 18 TAKEN BY MARVIN JONAS ON A WEEKLY BASIS?
- 19 A. AS I SAID, WE DIDN'T SHIP ON A WEEKLY BASIS.
- 20 Q. JUST GENERATED IN TERMS OF --
- 21 A. WELL --
- 22 Q. AN ESTIMATE IS FINE.
- 23 A. I WOULD RATHER ANSWER THAT QUESTION ON AN
- 24 AS-TAKEN BASIS, WHICH I THINK WOULD BE MORE IN THE
- 25 NEIGHBORHOOD OF A MONTHLY BASIS.

- 1 Q. FINE. PLEASE ANSWER THAT.
- 2 A. AND I WOULD SAY POSSIBLY AT THAT TIME AN
- 3 ESTIMATE CERTAINLY IS 20 TO 30 DRUMS.
- MR. STOVIAK: WHAT TYPE OF WASTE ARE
- 5 YOU REFERRING TO THERE?
- 6 THE WITNESS: I'M REFERRING TO THE
- 7 WASTE THAT'S IN THE SLUDGE DRUMS THAT WE'RE
- 8 SPEAKING OF.
- 9 MR. STOVIAK: THE WASTE THAT JONAS
- 10 | WOULD HANDLE?
- THE WITNESS: THE WASTE THAT JONAS
- 12 WOULD HANDLE, YES.
- 13 BY MR. WOODS:
- 14 Q. DID YOU EVER HAVE OCCASION TO FIND OUT WHERE
- 15 MARVIN JONAS WAS TAKING THIS WASTE?
- 16 A. NO.
- 17 Q. DO YOU KNOW OF ANYBODY WHO MIGHT HAVE?
- 18 A. NO, I DO NOT. IN PREPARATION FOR THIS
- 19 DEPOSITION I TALKED TO A NUMBER OF PEOPLE WHO
- 20 POSSIBLY COULD HAVE KNOWN AND THEY ALL STATED THAT
- 21 THEY DID NOT KNOW.
- 22 Q. WHO DID YOU TALK TO?
- 23 A. MR. CUTLER, MR. FETTIG AND MR. DI NARDO.
- 24 Q. DID THEY KNOW OF ANYBODY WHO MIGHT HAVE
- 25 FURTHER KNOWLEDGE OF THE DESTINATION OF THOSE

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- NO ONE WHO WOULD ADD MATERIALLY TO WHAT THEY 2 SAID. 3
- DO YOU HAVE ANY KNOWLEDGE GAINED FROM OUTSIDE OF THE COMPANY WHERE THESE WASTES MIGHT HAVE BEEN DISPOSED OF? AND BY OUTSIDE OF THE COMPANY I MEAN BEYOND THE SEARCH AND THE INQUIRIES 7

MR. STOVIAK: I WOULD ALSO INSTRUCT 9 HIM NOT TO ANSWER IT IN TERMS OF ANYTHING THAT WAS 10 DISCLOSED TO HIM BY COUNSEL. 11

YOU MADE DURING YOUR RESPONSE TO THE SUBPOENA.

BY MR. WOODS: 12

- WELL, I CERTAINLY HAVE NO OBJECTION TO THAT BECAUSE THAT WOULD CERTAINLY CONSTITUTE PRIVILEGED INFORMATION, BUT OUTSIDE OF THAT INFORMATION OR THAT WHICH WAS DISCUSSED WITH COUNSEL, DO YOU HAVE ANY KNOWLEDGE OR ANY INFORMATION OF WHERE THESE WASTES MIGHT HAVE GONE?
- NO. 19
- DURING THE COURSE OF TRIANGLE'S BUSINESS 20 TRANSACTIONS WITH MARVIN JONAS, DID THE NAME 21 LIPARI LANDFILL EVER COME UP? 22
- NO. 23
- DO YOU HAVE ANY KNOWLEDGE OF WHETHER ANY OF 24 MARVIN JONAS' WASTES WERE DISPOSED OF AT LIPARI

- A. BY PHONE.
- 2 Q. WOULD YOU HAVE THEIR PHONE NUMBERS BACK AT
- 3 YOUR OFFICE?
- 4 Å A. I HAVE THEM HERE.
- 5 Q. WOULD YOU BE WILLING TO TELL ME THEIR PHONE
- A NUMBERS?

- 7 A. YES.
- 8 Q. COULD YOU PULL THEM OUT AND GIVE THEM,
- 9 | PLEASE?
- 10 A. OKAY. CUTLER,
- 11 Q. WHAT AREA CODE, PLEASE?
- 12 A. THAT'S THIS AREA -- OR DI NARDO, I
- 13 HAVE TWO NUMBERS THROUGH WHICH YOU COULD REACH DI
- 14 NARDO. ONE IS WORK, 755-6000, AND I ASSUME THAT
- 15 THAT'S 215 AREA CODE.
- 16 Q. DO YOU KNOW WHERE HE WORKS?
- 17 A. REBADO EXPRESS.
- 18 Q. AND WHAT WAS THE SECOND NUMBER, PLEASE?
- 19 A. NOW, THAT IS AREA CODE AND
- 20 FEDDIG,
- 21 Q. CAN YOU BRIEFLY DESCRIBE FOR ME THE PROCESS
- 22 BY WHICH SOLVENT WAS RECAPTURED? PARTICULARLY I
- 23 THINK YOU MENTIONED ABSORBER BEDS AND I'M NOT
- 24 FAMILIAR WITH WHAT YOU MEAN BY THAT. COULD YOU GO
- 25 BACK A STEP AND DESCRIBE TO ME THAT PROCESS?

5°!

A. SURE, I'LL GO BACK TO THE PRINTING OPERATION FIRST, OKAY?

Q. OKAY.

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3

INK IS DELIVERED TO US IN BULK FORM WHICH 5 WAS A VERY VISCOUS SUBSTANCE AND AS I SAID, THE INK WAS ENTERED INTO PRINTING WELLS, INK WELLS WE CALL THEM, INTO WHICH THE CYLINDERS REVOLVE WITH 7 THE ETCHING IMAGES ETCHED ON THEM, THEY WERE 8 LITTLE WELLS ON COPPER-PLATED MATERIAL AND AT HIGH SPEEDS THE CYLINDER WOULD REVOLVE IN THIS WELL, IN 10 THESE INK TANKS, I SHOULD SAY, AND THESE LITTLE 11 WELLS WHICH YOU COULD HARDLY FEEL ON THE COPPER 12 PLATING WOULD PICK UP THE INK, THERE WAS A BLADE 13 THAT CAME AND WIPED OFF THE EXCESS INK FROM THE 14 SURFACE OF THE CYLINDER LEAVING ONLY THE INK IN 15 THESE LITTLE WELLS AND THE CENTRIFUGAL FORCE KEPT 16 THAT INK IN THERE UNTIL IT MET THE PAPER. THE 17 PAPER WAS TRAVELING THROUGH THE PRESS AND OVER THE 18 CYLINDERS AND, OF COURSE, THEN THE PAPER THAT'S IN 10 THESE LITTLE -- OR THE INK THAT'S IN THESE LITTLE 20 WELLS WOULD MEET THE PAPER AND BE ABSORBED BY THE 21 PAPER AND THIS HAPPENED EIGHT TIMES DURING THE 22 PRINTING PROCESS. THERE ARE FOUR COLORS, YELLOW, 23 RED, BLUE AND BLACK, AND FROM THOSE FOUR PRIMARY 24 COLORS EVERY OTHER SHADE OR GRADATION IS PRODUCED 25

'	BI THE IMPOSITION OF ONE IN CERTAIN DEGREES OR
2	OTHER ON THE OTHER. NOW, TO MAKE THE INK LESS
3	VISCOUS, A SOLVENT WAS INTRODUCED INTO THE
4	FOUNTAINS AND JUST THE ABSOLUTELY PROPER VISCOSITY
5	WAS NEEDED OR THE IMAGE WOULD BE DISTORTED IN ONE
6	WAY OR ANOTHER. SO THIS WAS MEASURED. NOW, THAT
7	MEANS THAT WE HAD SOLVENT COMING IN IN THE INK
8	ITSELF, THE ORIGINAL SHIPMENT, AND WE HAD SOLVENT
9	INTRODUCED. 85 PERCENT OF ALL THE SOLVENT 85
0	TO 90 PERCENT OF ALL THE SOLVENT THAT WES "JED IN
.1	THE OPERATION, THE STUFF THAT WAS IN THE INK TO
2	BEGIN WITH AND THE STUFF THAT WAS ADDED WAS
3	RECAPTURED. WE'RE NOW AT THE POINT OF YOUR
4	QUESTION. THE WEB TRAVELS, AS I SAID, OVER THESE
5	INK FOUNTAINS AND OVER THE CYLINDERS THAT REVOLVE
6	IN THEM AND RIGHT ON THE TOP OF THE IMPRESSION
7	WHERE THE PAPER MEETS THE CYLINDER THERE WERE WHAT
8	WE CALLED OVENS WHICH ABSORBED INTO THE OVENS AND
9	THERE WERE FANS IN THERE AND IT ABSORBED, SUCTION
0	DEVICES WHICH CAPTURED THE VAPORS THAT THE SOLVENT
1	WAS GOING INTO VAPOROUS FORM, DREW IT UP INTO THE
2	OVENS AND THEN INTO THE ABSORBER TANKS AND THE
3	ABSORBER TANKS ARE HUGE, HUGE TANKS, I DON'T KNOW,
4	MUCH LONGER THAN THIS ROOM HERE AND I GUESS ABOUT
	אר אר א פרים אות משריים אות שורם אות א פרים האות של מדי האות של מדי האות של מדי האות של האות של האות של האות ה אות האות אות האות האות האות האות האות הא

- 2 THEN TO LIQUIDS AND THAT'S WHAT HAPPENED. THE
- 3 LIQUID WAS CAPTURED INTO SETTLING TANKS OR HOLDING
- 4 TANKS, WHATEVER, ALSO BIG, HUGE TANKS AND THAT WAS
- 5 THEN THE SOURCE OF OUR ADDITIVE SOLVENT FOR THE
- A NEXT PRINTING OPERATION.
- 7 Q. WAS THE RESIDUAL THAT WAS LEFT IN THE BOTTOM
- 8 | OF THOSE TANKS THE RESIDUAL THAT YOU REFERRED TO
- 9 AS BEING PUMPED OUT BY SOME OTHER COMPANY?
- 10 A. THAT'S A DIFFERENT OPERATION ENTIRELY.
- 11 YOU'RE THINKING OF THE NEUTRALIZING SYSTEM NOW.
- 12 Q. WAS THERE ANYTHING LEFT AT THE BOTTOM OF THE
- 13 TANKS WHERE THE ABSORBER BEDS WERE?
- 14 A. NO, JUST A USED CARBON.
- 15 Q. AND WHAT HAPPENED THERE?
- 16 A. WELL, I THINK THAT MOST OF THAT WE KEPT IN
- 17 THERE AND WE ADDED ADDITIONAL CARBON TO MAKE THE
- 18 OPERATION FUNCTION. I'M NOT SURE WHETHER ANY OF
- 19 IT WAS EVER REPLACED ENTIRELY. I THINK IT WAS
- 20 MAYBE -- WE HAD THREE OR FOUR OF THESE ABSORBERS,
- 21 BUT MAYBE IN THE COURSE OF TIME MAYBE THE BEDS
- 22 WERE REPLACED ENTIRELY ONCE. I'M NOT CERTAIN OF
- 23 | THAT, THOUGH.
- 24 Q. WOULD THERE HAVE BEEN ANY RESIDUAL ON THE
- 25 | OVENS?

- 1 A. NO, NO.
- 2 Q. SO WHAT HAPPENED TO THE TEN OR 15 PERCENT OF
- 3 | THE SOLVENT THAT WAS NOT RECOVERED?
- A. IN THE AIR.
- 5 Q. THAT WAS THE VAPOR THAT WAS LOST?
- 6 A. YES. YOU WOULD SMELL IT AS SOON AS YOU --
- 7 YOU WOULDN'T HAVE TO BE IN THE PRESS ROOM TO SMELL
- 8 | IT.
- 9 Q. I'M HANDING YOU WHAT WAS MARKED AS
- 10 | GOVERNMENT'S EXHIPLY NUMBER THREE AND I SEE ON THE
- 11 RIGHT-HAND SIDE THERE'S TWO COLUMNS, ONE MARKED
- 12 PRICE, I BELIEVE, AND THE OTHER MARKED AMOUNT. DO
- 13 YOU KNOW WHAT UNIT WOULD HAVE BEEN REFERRED TO FOR
- 14 | THE PRICE? FOR EXAMPLE, DO YOU KNOW WHETHER THAT
- 15 WOULD MEAN A PRICE FOR PER BARREL OR PER DRUM?
- 16 A. PER DRUM. SEE, ON THE LEFT-HAND COLUMN
- 17 | THERE'S 12 ENTERED THERE. THAT MEANS THERE ARE 12
- 18 DRUMS.
- 19 Q. SO MULTIPLYING IT OUT THEN, 12 TIMES --
- 20 A. IT COMES TO 78 BUCKS.
- Q. WAS THERE ANYONE IN CHARGE OF MAINTENANCE AT
- 22 THE GRAVURE PLANT WHO WOULD KNOW ANYTHING ABOUT
- 23 DISPOSAL OF WASTES THROUGH MARVIN JONAS?
- 24 A. I'VE ALREADY TESTIFIED AS TO THE THREE
- 25 PEOPLE THAT I FELT WOULD KNOW SOMETHING ABOUT IT.

c- ?

- 3 I'VE TESTIFIED TO TODAY. I JUST DON'T KNOW OF
- A NYBODY ELSE.
- 5 \ Q. DO YOU REMEMBER THE NAME OF THE MAINTENANCE
- 6 SUPERVISOR OR MANAGER AT THE TIME, '60 THROUGH
- 7 71?
- B A. YES, I REMEMBER THE NAME. HIS NAME IS BOB
- 9 | SIMONS.
- 10 Q. DO YOU KNOW --
- A. HIS JURISDICTION DIDN'T EXTEND TO THIS,
- 12 HOWEVER.
- 13 Q. WHAT WAS HIS JURISDICTION?
- 14 A. HIS JURISDICTION WAS MAINTENANCE.
- 15 Q. MAINTENANCE MEANING WHAT?
- 16 A. MAINTENANCE MEANING REPAIR AND UPKEEP.
- 17 Q. HAVE YOU EVER HEARD OF THE NAME ALMO OR ALMO
- 18 TANK CLEANING COMPANY?
- 19 | A. NO.
- MS. RELATION: I HAVE NO OTHER
- 21 QUESTIONS.
- MR. WOODS: I JUST HAVE ONE MORE
- 23 QUESTION.
- 24 (EXAMINATION OF MR. SHEEHAN BY MR. WOODS:)
- 25 Q. JUST ONE ADDITIONAL QUESTION, MR. SHEEHAN.

1	IS THERE ANTIHING ELSE THAT'S RELEVANT TO
2	THIS MATTER THAT WE SHOULD KNOW ABOUT THAT YOU
3	HAVEN'T TOLD US SO FAR?
4	A. YES, I THINK SO.
5	Q. COULD YOU TELL US WHAT THAT IS?
6	A. YES, HAVING SPOKEN WITH CUTLER WHO IS A
7	CHEMIST BY ACADEMIC TRAINING AND WHO CAME UP
8	THROUGH THE RANKS OF THE LABORATORY, IN GOING OVE
9	THIS WITH HIM, HE ASSURED ME THAT THERE WAS
اً ا	NOTHING CHEMICALLY IN THE MIX OF INKS OR INKS AND
11	SOLVENTS OR THE SLUDGE, THE RESIDUE, THAT IN HIS
12	OPINION OR IN THE OPINION OF PEOPLE THAT HE'S
13	WORKED WITH DOWN THROUGH HIS PRINTING CAREER THAT
14	WOULD REPRESENT A HAZARD IN ANY WAY TO THE HEALTH
15	OF ANY PERSON AND THAT FURTHER THAT WE, AS
16	MANAGERS OF THE PLANT, WERE NEVER, EVER AWARE OF
17	ANY RISK FACTOR AT ALL INVOLVED IN THE USE OF
18	PRESS INKS, AND I THINK THAT CUTLER IS A MAN THAT
19	SHOULD HAVE SOME KNOWLEDGE OF THAT AND THAT'S
20	SUPPLEMENTED BY OUR EXPERIENCES AND I THINK THAT
21	THAT SHOULD BE PART OF THIS.
22	MR. WOODS: I HAVE NO FURTHER
23	QUESTIONS.

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(BRIEF RECESS.)

24

25

MR. STOVIAK: I WOULD JUST LIKE TO

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2	(EXAMINATION OF MR. SHEEHAN BY MR. STOVIAK:)
3	Q. WHAT MATERIAL DID MARVIN JONAS HANDLE THAT
4	WAS MATERIAL FROM TRIANGLE PUBLICATIONS?
5	A. INK SLUDGE.
6	Q. AND DO YOU BELIEVE THAT MATERIAL WAS
7	HAZARDOUS?
8	A. I BELIEVE IT WAS NOT HAZARDOUS.
9	Q. AND IS THAT BECAUSE OF WHAT YOU TOLD US
10	ABOUT YOUR DISCUSSION WITH MR. CUTLER AND YOUR
11	EXPERIENCE?
12	A. YES, IT WAS MY DISCUSSION WITH MR. CUTLER
13	AND ALSO OUR EXPERIENCE.
14	Q. AND DID MR. JONAS HANDLE ANY SLUDGE FROM THE
15	NEUTRALIZATION PROCESS?
16	A. NO.
17	Q. DID MR. JONAS EVER HANDLE ANY SOLVENTS?
18	A. NOT THAT I'M AWARE OF.
19	MR. STOVIAK: I HAVE NOTHING
20	FURTHER. THANK YOU.
21	(WITNESS EXCUSED.)
22	
23	
24	JOHN SHEEHAN
25	

1 CLARIFY A COUPLE THINGS WITH YOU, MR. SHEEHAN.

1	UNITED STATES DISTRICT COURT	
-	DISTRICT OF NEW JERSEY	
2		
	C.A. NO. 85-4386	
3	_	
	UNITED STATES OF AMERICA,	
4	PLAINTIFF, ORAL DEPOSITION OF	
5	THATMITET, ORAL DEFOSITION OF	
	VS. DAVID CUTLER	
6		
-	ROHM & HAAS COMPANY, (TRIANGLE PUB.)	
7	DEFENDANT.	
8	DEFENDANI.	
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9	. * * * *	
	TUESDAY, SEPTEMBER 9, 1986	
10	* * * *	
11	TRANSCRIPT IN THE ABOVE MATTER TAKEN AT THE UNITED STATES ATTORNEY'S OFFICE, 4TH AND	
12	MARKET STREETS, CAMDEN, NEW JERSEY, COMMENCING AT	
	3:00 P.M.	
13		
_	APPEARANCES:	
14		
15	JAMES C. WOODS, ATTORNEY FOR THE UNITED STATES	
	ENVIRONMENTAL PROTECTION AGENCY	
16		
	DECHERT, PRICE & RHOADS, ESQUIRES	
17	BY: WENDY R. RELATION, ESQUIRE	
	ATTORNEYS FOR ROHM & HAAS COMPANY	
18	DILWORTH, PAXSON, KALISH	
19	& KAUFFMAN, ESQUIRES	
	BY: MICHAEL L. KRANCER, ESQUIRE	
20	- AND -	
	MICHAEL C. CARTER, ESQUIRE	
21	ATTORNEYS FOR TRIANGLE PUBLICATIONS	
22	AND DAVID CUTLER	
e. e.	CERTIFIED SHORTHAND REPORTING SERVICES	
23	ARRANGED THROUGH	
	MASTROIANNI & FORMAROLI, INC.	
24	SUITE 310	
25	2201 ROUTE 38	
43	CHERRY HILL, NEW JERSEY 08002	2

MASTROIANNI & FORMAROLI, INC. Professionals Serving Professionals

- 1 SUPERVISE LINE PEOPLE.
- 2 Q. FINE. I WONDERED WHAT HE WAS TALKING
- 3 ABOUT.
- 4 Now, LET'S FOCUS ON THE PERIOD BETWEEN 1960
- 5 "AND '71. DURING THAT PERIOD, DID THE PLANT
- 6 PRODUCE ANY WASTES WHICH WERE DISPOSED OF OFF
- 7 | SITE?
- 8 A. NOT TO MY KNOWLEDGE. OH, WAIT A MINUTE. I
- 9 # HAVE TO CORRECT THAT. PAPER WASTES WHICH WERE
- 10 SOLD, THEY WERE SOLD TO VARIOUS VENDORS. IT COULD
- 11 HAVE BEEN -- THERE WAS WOOD, THE NORMAL WOOD,
- 12 PAPER. I'M SURE THERE WAS A TRASH CONTAINER THAT
- 13 WENT TO A DUMP. I AM SORRY. THAT WAS TOTALLY
- 14 WRONG WHAT I SAID ORIGINALLY. WOOD, THEY WOULD
- 15 SELL THE EXCESS, GIVE AWAY EXCESS CONTAINERS,
- 16 DRUMS, EXCESS, BUT THAT'S TO MY KNOWLEDGE.
- 17 No. DO YOU HAVE KNOWLEDGE BESIDES THAT AS TO
- 18 WASTE THE PLANT PRODUCED?
- 19 A. YES.

- 20 Q. WHAT WERE THE OTHER WASTES THAT THE PLANT
- 21 | PRODUCED THAT YOU LEARNED ABOUT?
- 22 A. WE HAD A WASTE PROGRAM WITHIN THE COMPANY TO
- 23 | TAKE CARE OF ANY WASTES WHICH WERE DEEMED TO BE
- 24 HAZARDOUS.
- 25 Q. WHAT KIND OF WASTES WERE PRODUCED WHICH WERE

1 | HAZARDOUS?

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- 2 A. A WASTE SUCH AS AN ACID, SMALL QUANTITIES OF
- 3 | SULFURIC ACID, VERY SMALL, SMALL QUANTITIES. WE
- 4 HAD A NEUTRALIZING SYSTEM, IF THEY WERE TO OCCUR,
- 5 BUT THEY ACTUALLY DIDN'T OCCUR.
- 6 Q. NOW, THE ACID AND WAS THERE RESIDUE FROM THE
- 7 NEUTRALIZING SYSTEM?
- 8 A. YES.
- 9 Q. HOW WOULD YOU DESCRIBE THAT?
- 10 A. IRON -- MAINLY AN IRON -- MAINLY IRON
- 11 MATERIALS.
- 12 | Q. WOULD IT HAVE INCLUDED ANY SOLVENT OR
- 13 | SOLVENT RESIDUES?
- 14 A. NO. EXCEPT A MERE INFANT -- THERE WOULD
- 15 HAVE TO BE SOME CONTAMINATION UNKNOWN TO SOMEONE.
- 16 BUT NOTHING WAS PIPED TO THE NEUTRALIZING SYSTEM,
- 17 OF THAT NATURE.
- 18 Q. THERE'S A LOT OF TESTIMONY -- HAVE YOU READ
- 19 MR. SHEEHAN'S DEPOSITION?
- 20 A. NO.
- 21 | Q. I JUST WANT YOU TO KNOW I'M NOT TRYING TO
- 22 TRIP YOU UP ANYWHERE ALONG THE LINE. I CERTAINLY
- 23 DIRECT THAT TO MR. KRANCER AND MR. CARTER, BUT
- 24 | THERE'S A LOT OF TESTIMONY IN HERE CONCERNING
- 25 | SOLVENTS WHICH WERE THE AFFLUENT OF CLEANING

- 1 PRINTING PRESSES AND WHICH MAY HAVE GOTTEN INTO
- 2 | THE NEUTRALIZATION SYSTEM AND INTO THE RESIDUAL
- 3 | SLUDGE MATERIAL. WOULD THAT BE ACCURATE?
- 4 A. THAT HAD NOTHING TO DO WITH THAT.
- 5 Q. WERE THEY SOLVENTS?
- 6 A. NO, THIS HAD NOTHING TO DO WITH THAT. THIS
- 7 WAS A SYSTEM, A NEUTRALIZING SYSTEM REGULATED BY
- 8 THE CITY OF PHILADELPHIA, TESTED BY THE CITY OF
- 9 | PHILADELPHIA, ENFORCED BY THEM AND THE STATE, I
- 10 BELIEVE, AT THAT TIME.
- 11 0. OKAY.
- 12 A. WHICH WAS RULED BY WHATEVER REGULATIONS AT
- 13 | THAT TIME, TO NEUTRALIZE ANYTHING THAT MIGHT BE OF
- 14 ANY ACIDIC NATURE THAT GOES DOWN INTO A DRAIN, A
- 15 SEPARATE DRAIN WAS USED. IT DIDN'T GO INTO THE
- 16 CITY'S PIPES. IT WENT TO A SETTLING TANK, AND THE
- 17 | MAIN REASON WAS THE FERRIC CHLORIDE, THE ETCHING.
- 18 THAT WAS REALLY THE REAL REASON, WAS THE FERRIC
- 19 CHLORIDE.

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- 20 Q. SO, NOW, THE SLUDGE MATERIAL WAS PRODUCED, I
- 21 | BELIEVE, YOU TESTIFIED, WAS AN IRON -- WHAT DID
- 22 YOU SAY?
- 23 A. SOME FORM OF IRON, SOME FORM OF IRON OXIDE.
- 24 | I DON'T KNOW THE EXACT DERIVATION, WHAT IT WOULD
- 25 | BE. WHEN NEUTRALIZED, THE FERRIC CHLORIDE, WHICH

- 1 WAS THE ETCHING FOR THE ENGRAVED STONERS, IT WAS
- 2 | NEUTRALIZED WITH A P.H. AND THEN THE SLUDGE
- 3 SETTLED OUT. SOME FORM OF IRON MAINLY, NONTOXIC.
- 4 IT WAS TESTED TO BE NONTOXIC.
- 5 Q. WHEN WAS IS IT TESTED?
- 6 A. AMAZINGLY, IT WAS THE CITY THAT WAS
- 7 MONITORING IT AT THAT TIME. HAVING BEEN PART OF
- 8 THE PHILADELPHIA INQUIRER GROUP AND THEY WERF
- 9 VERY, VERY KEEN TO THIS SITUATION, HAVING 18
- 10 | UNIONS TO CONTEND WITH. WE WERE VERY KEEN TO THAT
- 11 SITUATION. SOLVENTS WERE NOT INVOLVED IN THAT.
- 12 | Q. JUST ONE QUESTION CONCERNING THE SLUDGES
- 13 | FROM THE NEUTRALIZATION SYSTEM. DO YOU KNOW WHAT
- 14 HAPPENED TO THOSE?
- 15  $\| A$ . Yes. I GUESS  $\sim$  AND I AM GUESSING.
- 16 | THINK, PERHAPS, IT COULD HAVE BEEN ONCE A YEAR,
- 17 | ONCE EVERY SIX MONTHS, BUT IT WAS NOT VERY OFTEN,
- 18 | SOME CONTRACTOR WAS CONTACTED, AND THEY HAD A
- 19 | SIPHON, A LONG PIPE THAT THEY BROUGHT IN AND
- 20 | SIPHONED IT INTO A BIG TRUCK. FROM THAT POINT --
- 21 AND THAT, AGAIN, AT THAT TIME, THAT WAS CHECKED BY
- 22 | THE CITY BECAUSE THAT WAS UNDER SOME FORM OF
- 23 | REGULATION.
- 24 | Q. DO YOU KNOW WHO THE CONTRACTORS WERE?
- 25 A. NO, I DON'T REMEMBER. IT COULD HAVE BEEN --

- 1 USUALLY FROM PHONE BOOKS, SOMEONE WHO CLEANS OUT
- 2 | SEWERS. BUT IT WAS -- THE NATURE OF THE MATERIAL
- 3 WAS AS I STATED.
- 4 Q. NOW, YOU'VE MENTIONED OR YOU'VE TESTIFIED
- 5 | WITH RESPECT TO PLANT PROCESSES THAT SOLVENTS WERE
- 6 PRESENT IN THE PLANT?
- 7 A. THAT'S RIGHT.
- 8 Q. DID SOLVENTS PRODUCE ANY WASTE?
- 9 NA. YES -- WELL, THEY NORMALLY WOULD BE WASTE IN
- 10 ANY OTHER PLANT BUT OUR PLANT. WE HAD THE FIRST
- 11 | SOLVENT RECOVERY SYSTEM THAT EXISTED IN THE UNITED
- 12 | STATES. IT WAS THE FIRST ONE EVER TO BE BUILT.
- 13 SO, THE RESULT OF IT WAS WE HAD NO AIR POLLUTION.
- 14 THE PURPOSE WAS TO ELIMINATE AIR POLLUTION IN THE
- 15 CITY OF PHILADELPHIA, AND THAT WAS UNDER
- 16 REGULATION. SO, THE SOLVENTS WERE RECOVERED.
- 17 Q. ANY RESIDUALS WOULD NOT END UP BEING
- 18 | RECOVERED?
- 19 A. NOT FROM THE SOLVENT RECOVERY SYSTEM.
- 20 | Q. HOW ABOUT THE OTHER USES OF SOLVENTS?
- 21 A. IT'S A LITTLE COMPLEX, THERE'S LITTLE
- 22 PHASES. SOLVENTS WERE RECOVERED 98 PERCENT.
- 23 ANYTHING ELSE, THE 2 PERCENT WAS LOST IN THE
- 24 | ATMOSPHERE, WHATEVER WAS ALLOWED BY WHATEVER
- 25 | MONITORING THAT OCCURRED. THE SYSTEM WAS PUT IN

- 1 AS A SHOWPIECE. PEOPLE CAME FROM ALL OVER THE
- 2 WORLD TO SEE IT.
- 3 | Q. WITH RESPECT TO OTHER PORTIONS OF THE PLANT,
- 4 WAS THERE A SOLVENT OR A SOLVENT INK BASE SLUDGE
- 5 THAT WAS WASTE?
- 6 A. YES, THAT WAS ANCIHER PORTION.
- 7 |Q. WHERE WAS IT PRODUCED FROM?
- 8 A. IT WAS VERY -- TFIS WOULD BE LESS OF MY
- 9 | SPECIFIC KNOWLEDGE, BUL IT WAS PRODUCED WITH SMALL
- 10 | AMOUNTS OF EXCESS INK, SMALL AMOUNTS OF EXCESS INK
- 11 | THAT WERE LEFT IN A DRUM.
- 12 Q. DO YOU HAVE ANY IDEA HOW MUCH WAS PRODUCED
- 13 ON A MONTHLY BASIS?
- 14 | A. NO, BUT THEY WERE REUSED. SMALL AMOUNTS OF
- 15 | INK WERE LEFT IN THE DRUM, WERE PUT IN ONE BIG
- 16 MMIXING VAT, AND TOGETHER THEY MADE BLACK INK, AND
- 17 | THEY WERE REUSED WHEN THAT OCCURRED.
- 18 \( \Q\). WOULD IT BE YOUR TESTIMONY THAT THERE WAS,
- 19 TO YOUR KNOWLEDGE, NO RESIDUAL AFFLUENT FROM THAT
- 20 | PROCESS?

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- 21 | A. NO, I COULDN'T STATE THAT BECAUSE I'LL HAVE
- 22 TO PRESENT IT THIS WAY: IF YOU HAD A CAN OF PAINT
- 23 | AND YOU WERE PAINTING THIS ROOM, AND SOMEONE LEFT
- 24 | THAT CAN OF PAINT OPENED FOR A WEEK, THE SOLVENT
- 25 | WOULD EVAPORATE, BY CHANCE, AND YOU WOULD HAVE A

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- 1 HARD -- YOU COULD HAVE AN INCH OF NOT SOLVENT, BUT
- 2 AN INCH OF PIGMENT AND RESIN DRIED UP ON THE
- 3 | BOTTOM. THAT WOULD BE THE TRUE RESIN THAT I THINK
- 4 | -- I BELIEVE THAT YOU'RE TALKING ABOUT.
- 5 Q. THAT'S WHAT I AM TALKING ABOUT. I CAN
- 6 CLARIFY IT A LITTLE FURTHER FOR YOU HECAUSE WE'RE
- 7 BOTH KIND OF WORKING IN BROWN PAPER BAGS WITH NO
- 8 LIGHTS ON IN THE INSIDE IN THAT WE HAVE NO IDEA
- 9 WHAT THE OTHER IS TALKING ABOUT SOMETIMES. IF I
- 10 || CAN, LET ME SAY THAT THERE'S BEEN TESTIMONY SO FAR
- 11 | THAT THERE WAS PRODUCED -- NOT PRODUCED BUT THERE
- 12 | WAS AFFLUENT IN THE NATURE OF A SLUDGE, INK SLUDGE
- 13 | SOLVENT WHICH WAS TAKEN FROM THE PLANT IN THE
- 14 AMOUNTS OF 20 TO 25 DRUMS ONCE A WERK OR TWICE A
- 15 WEEK.
- 16 DO YOU HAVE ANY KNOWLEDGE WITH RESPECT TO
- 17 | THAT?
- 18 A. I HAVE NO KNOWLEDGE OF THAT, AND I REALLY
- 19 DON'T BELIEVE IT. I THINK -- I THINK THERE'S SOME
- 20 | -- I SHOULDN'T -- I HAVE NO KNOWLEDGE OF THAT 20
- 21 TO 25 DRUMS A WEEK COMING FROM THE PLANT.
- 22 Q. OR TWO WEEKS, ONCE EVERY TWO WEEKS?
- 23 A. NO, I HAVE NO KNOWLEDGE OF ANY SUCH THING.
- 24 Q. WHY WOULD YOU BE INCLINED NOT TO BELIEVE IT?
- 25 A. WHAT YEAR WAS THIS?

- 1 Q. THIS WOULD BE IN THE YEARS '60 TO '71.
- 2 A. IT WOULDN'T MAKE SENSE.
- 3 Q. WHY IS THAT?
- 4 A. BECAUSE WE HAD A TANK TO PUT IT IN, TO SAVE
- 5 | MONEY. IT ALL BECAME BLACK INK, AND I WOULD BE
- 6 | SURPRISED TO HEAR THAT. I WOULD BE SURPRISED TO
- 7 KNOW THAT. THAT'S ALL.
- 8 | C. OKAY. I'M JUST RELATING TO YOU EARLIER
- I TESTIMONY.
- 10 | A. TO HAVE THAT AMOUNT, I WOULD CONSIDER THAT,
- 11 | IF I KNEW ABOUT IT, WAS IN CHARGE OF IT, I WOULD
- 12 HAVE STOPPED IT, NOT FOR ANY OTHER REASON, OTHER
- 13 THAN IT WASN'T ECONOMICAL.
- 14 | Q. WAS THERE ANY OTHER PROCESS IN YOUR PLANT
- 15 | THAT WOULD HAVE PRODUCED THAT MUCH WASTE?
- 16 A. I AM SORRY, WHAT WAS THE AMOUNT YOU'VE
- 17 | MENTIONED?

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- 18 Q. WE'RE TALKING ABOUT 20 TO 25 55-GALLON DRUMS
- 19 ON A WEEKLY TO BIWEEKLY BASIS -- EXCUSE ME, EVERY
- 20 | TWO WEEKS.
- 21 A. IT WOULD BE INCONCEIVABLE THAT OCCURRED TO
- 22 MME. LET ME EXPLAIN THAT. I CAN SEE A QUARTER OF
- 23 | A DRUM. IF YOU'RE ASKING ME IF A 55-GALLON DRUM,
- 24 NEVER WOULD TRIANGLE PUBLICATIONS OR ANYONE
- 25 | INVOLVED IN TRIANGLE PUBLICATIONS ALLOW 25 DRUMS

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- 1 OF MATERIAL, FULL DRUMS TO GO OUT LIKE THAT. IT
- 2 WOULD BE SENT BACK TO THE INK COMPANY BECAUSE IT'S
- 3 A POLICY OF THE INK COMPANY WRITTEN IN OUR
- 4 PURCHASE ORDERS THAT THEY WOULD TAKE ANY EXCESS
- 5 BACK. I DON'T KNOW WHO TESTIFIED TO THAT.
- 6 Q. LET ME ASK YOU THIS THEN: THEN THERE WOULD
- 7 HAVE BEEN NO RESIDUAL SLUDGE MATERIAL --
- 8 A. YES.

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- 9 Q. YES, THERE WOULD HAVE BEEN?
- 10 A. YES, AS I'VE MENTIONED, YOU COULD HAVE 25
- 11 DRUMS OF DRIED INK CANS, WHICH WOULD MEAN,
- 12 SOMEONE, WHEN THEY EMPTIED A DRUM AND THEY HAVE
- 13 TILTED IT AND PERHAPS THAT MUCH WAS LEFT AND
- 14 | DRIED, AND THEY HAVE TO GET RID OF THOSE DRUMS
- 15 (INDICATING). THOSE DRUMS, YOU CAN'T LEAVE THEM
- 16 AROUND. AND I WOULD SUSPECT WHOEVER MADE THAT
- 17 TESTIMONY DID NOT KNOW THAT. I AM NOT GOD. I
- 18 WASN'T THERE.
- 19 O. YOUR TESTIMONY MAY BE A LITTLE UNCLEAR RIGHT
- 20 NOW BECAUSE YOU'RE GESTURING, AND LET ME SEE IF I
- 21 CAN SUMMARIZE IT AND MAKE IT A LITTLE CLEARER FOR
- 22 THE RECORD. YOUR TESTIMONY IS IF 20 TO 25 GALLONS
- 23 WENT OUT, WHICH IS POSSIBLE, THEY WOULD HAVE GONE
- 24 OUT BECAUSE THEY WERE USED AND THE ONLY MATERIAL
- 25 | THAT WOULD HAVE BEEN IN THEM WOULD HAVE BEEN A

- 1 SMALL AMOUNT OF SLUDGE AT THE VERY BOTTOM OF THE
- 2 BARREL: IS THAT YOUR TESTIMONY?
- 3 A. I CAN'T TESTIFY THAT IT OCCURRED, BECAUSE I
- 4 WASN'T DIRECTLY IN CHARGE OF THAT. BUT I WOULD BE
- 5 VERY SURPRISED TO HEAR THAT. I WOULD BE VERY
- 6 SURPRISED.
- 7 0. TO YOUR KNOWLEDGE THEN THERE WOULD NOT HAVE
- 8 BEEN SHIPPED OUT OF THE PRINTING PRESS PROCESS 20
- 9 | TO 25 FULL 55-GALLON DRUMS ON A WEEKLY OR BIWEEKLY
- 10 FOR ONCE EVERY TWO WEEKS?
- 11 | A. NO WAY. IT WOULD HAVE GONE INTO THE 1NK
- 12 (COMPANY BEYOND ANY QUESTION. IT WOULD BE SENT TO
- 13 | THE INK COMPANY. SOMEBODY WOULD HAVE TO BE
- 14 TOTALLY DERELICT IN THEIR DUTIES. IT HAS NOTHING
- 15 TO DO WITH HAZARDOUS WASTES.
- 16 O. WAS THERE ANY OTHER PROCESS WHICH WOULD HAVE
- 17 | PRODUCED A WASTE AFFLUENT IN THAT VOLUME FROM THE
- 18 | PLANT?
- 19 A. A ONE-SHOT CLEAN-OUT OF A SOLVENT RECOVERY
- 20 SYSTEM, BUT NOT THAT TYPE OF WEEKLY VOLUME.
- 21 | CLEAN-OUT COULD HAVE OCCURRED ONCE A YEAR, ONCE
- 22 EVERY SIX MONTHS. I DON'T RECALL WHETHER IT WAS
- 23 ONCE A YEAR OR ONCE EVERY SIX MONTHS. A
- 24 CLEAN-OUT, WHAT WE CALL THE DECANTING SYSTEM,
- 25 WHICH IS ANOTHER PHASE OF THIS. ALL THESE ARE

- 1 INTERRELATED, BUT NOT RELATED. THAT IS THE ONLY
- 2 | PLACE THAT I CAN SEE WHERE A ONE-SHOT SITUATION
- 3 COULD OCCUR.
- 4 | Q. HOW MUCH WASTE WOULD THAT HAVE PRODUCED?
- 5 A. I CAN'T -- I DON'T KNOW THAT. I DON'T
- 6 | REALLY HAVE THAT ANSWER, BUT I WOULD SUGGEST THAT
- 7 THERE COULD BE -- IT COULD BE 20 DRUMS OF THAT
- 8 GOING OUT EVERY SIX MONTHS OR WHENEVER THE
- 9 CLEAN-OUT OCCURRED. THAT'S THE ONLY REMOTE
- 10 POSSIBILITY THAT I CAN THINK OF.
- 11 NO. WHAT WAS THE NATURE OF THAT WASTE?
- 12 A. DRIED PIGMENT AND RESIN.
- 13 Q. DO YOU KNOW ANY OF THE CHEMICAL CONSTITUENTS
- 14 OF THE WASTE?
- 15 ∦A. A MYRIAD -- THE INK COMPANY WOULD KNOW THAT
- 16 AND THEY WERE UNDER -- THEY WERE FULLY
- 17 KNOWLEDGEABLE OF HAZARDS AT THAT TIME. IT WAS
- 18 KNOWN IF THERE WAS SOMETHING HAZARDOUS. WE WERE
- 19 | REGULATED BY, I BELIEVE, THE INSURANCE COMPANY,
- 20 MADE MONTHLY INSPECTIONS. IT WAS -- THERE WERE
- 21 | SAFETY COMMITTEES.
- 22 Q. WHO WAS THE INSURANCE COMPANY, DO YOU
- 23 | REMEMBER?

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- 24 A. LIBERTY MUTUAL, AT LEAST DURING THE GREATER
- 25 PORTION OF IT. LIBERTY MUTUAL.

- 1 Q. WHO SAT ON THE SAFETY COMMITTEE?
- 2 A. AND ALL THE UNION REPRESENTATIVES AND
- 3 | PROBABLY HEADED BY -- I DON'T KNOW WHO THE
- 4 INDIVIDUAL WOULD BE AT THE MOMENT. I DON'T RECALL
- 5 THAT.
- 6 Q. CAN YOU RECALL ANY NAMES OF ANYBODY THAT
- 7 WOULD HAVE SAT ON THE SAFETY COMMITTEE?
- 8 A. NO, I DON'T RECALL WHO MIGHT PAVE BEEN HIRED
- 9 TO DO THAT.
- 10 Q. IF YOU RECALL ANY NAMES, WOULD YOU ADVISE
- 11 YOUR LAWYER OF THOSE NAMES, AND IF HE WOULD BE SO
- 12 KIND TO COMMUNICATE THOSE NAMES TO ME.
- 13 A. YES.

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- 14 Q. NOW, YOU'VE TESTIFIED THAT SEVERAL TIMES
- 15 MATERIALS WHICH THE PROCESS PRODUCES IRON-TYPE
- 16 | SLUDGE FROM THE NEUTRALIZATION SYSTEM, SMALL
- 17 NAMOUNTS FROM THE PRESSROOM OF AN INK SLUDGE, AND
- 18 | IN TURN, RESIN AND PAINT-TYPE MATERIAL FROM THE
- 19 | SOLVENT RECOVERY SYSTEM. DID THAT PLANT PRODUCE
- 20 ANY OTHER LIQUID, CHEMICAL-TYPE WASTES?
- 21 A. THE PLANT'S PURPOSE WAS TO PRINT THIS INK ON
- 22 | THIS PAPER. SO, THERE WERE NO -- DID THEY PRODUCE
- 23 ANY CHEMICALS? NO CHEMICALS WERE MANUFACTURED OR
- 24 PRODUCED AT THIS COMPANY.
- 25 Q. I AM TALKING ABOUT WASTES, THOUGH, AS A

- 1 BY-PRODUCT OF YOUR MANUFACTURING PROCESS, BESIDES
- 2 WHAT YOU'VE ALREADY TOLD ME.
- 3 A. THERE WAS A PLATING DEPARTMENT. THERE WAS A
- 4 | PLATING DEPARTMENT, AND THE PLATING DEPARTMENT
- 5 WENT INTO THE NEUTRALIZATION TANK. THAT'S ONE OF
- 6 THE PURPOSES OF ENGRAVING IN THE PLATING
- 7 DEPARTMENT. THEY HAD NO MORE THAN NORMAL
- 8 PRODUCTION OF WASTE, BUT THERE COULD BE A SPILL, A
- 9 TANK COULD OVERFLOW, BUT THE CERAMIC LINES LED TO
- 10 THE NEUTRALIZATION TANK IN THE EVENT THAT
- 11 | OCCURRED. THAT'S THE SULFURIC ACID THEY HAD. I
- 12 | DON'T RECALL BUT THAT MAY BE 5 PERCENT SULFURIC
- 13 AND COPPER SULFATE. SO THEY WENT TO THE
- 14 NEUTRALIZATION TANK.
- 15 Q. SO, ESSENTIALLY, THAT WOULD ALL BE
- 16 NEUTRALIZED OUT IN THE TANK, THOUGH?
- 17 A. YES, THAT WAS THE PURPOSE OF THAT.
- 18 ∦Q. CAN YOU THINK OF ANY OTHER WASTES, LIQUID,
- 19 CHEMICAL OR SLUDGE-TYPE WASTE THE PLANT WOULD HAVE
- 20 | PRODUCED OTHER THAN WHAT WE'VE ALREADY SPOKEN
- 21 ABOUT?

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- 22 | A. VERY MINOR THINGS, LIKE WHAT THE MACHINE
- 23 | SHOP MIGHT USE. SOMEONE -- IF YOU'RE TALKING
- 24 | ABOUT MINOR QUANTITIES, A GALLON?
- 25 ∥Q. NO.

- 1 A. I DON'T THINK --
- 2 Q. I AM TALKING ABOUT SOMETHING PRODUCED ON A
- 3 REASONABLE REGULAR BASIS AND MORE THAN MINOR
- 4 AMOUNTS IN TERMS OF FOUR OR FIVE GALLONS.
- 5 A. DRY GLUF, DRY GLUE FROM THE BINDERY
- 6 DEPARTMENTS, THE SAME THING THAT OCCURRED WITH
- 7 INK. THAT WOULD BE A VERY SMALL, TINY QUANTITIES,
- 8 BECAUSE THE G'UES WERE NOT LARGE QUANTITIES.
- 9 SOMEONE COULD HAVE LEFT A DRUM OPENED, AND YOU'D
- 10 | GET SOME DRIED GLUE. THAT'S POSSIBLE. I DON'T
- 11 KNOW WHAT THEY WOULD CONTAIN.
- 12 Q. MR. CUTLER, ARE YOU FAMILIAR AT ALL WITH THE
- 13 | DISPOSAL PRACTICES, THE ACTUAL DISPOSAL PRACTICES
- 14 OF TRIANGLE?
- 15 A. SOME OF THEM, BUT NOT ALL OF THEM. I'M NOT
- 16 | SURE WHICH ONES YOU'RE TALKING ABOUT.
- 17 \Q. LET ME GET MORE SPECIFIC THEN. NOW, YOU'VE
- 18 | TESTIFIED THAT TRIANGLE PRODUCED A CERTAIN AMOUNT
- 19 | OF WASTES FROM PUMPING OF ITS NEUTRALIZATION
- 20 SYSTEM, FROM THE CLEANING OUT OF ITS SOLVENT
- 21 RECOVERY SYSTEM AND POSSIBLY FROM ITS PRESS SHOP
- 22 | IN TERMS OF SLUDGE INKS. THE QUESTIONS I HAVE
- 23 WILL REVOLVE AROUND TRANSPORTERS, USE OF
- 24 TRANSPORTERS AND SITES, OFF-SITE DISPOSAL DURING
- 25 THE PERIOD 1960 AND 1971.

- 2 KNOW WHO TOOK THOSE WASTES FROM YOU, TRANSPORTED
- 3 THEM?
- 4 A. I JUST -- I WAS JUST TOLD THAT. I WAS TOLD
- 5 | THAM -- I HAD NO PRELIMINARY MEETINGS. I WAS TOLD
- 6 THAT TODAY.
- 7 Q. ASIDE FROM WHAT YOU'VE LEARNED TODAY, DO YOU
- 8 HAVE ANY KNOWLEDGE WITH RESPECT TO WHO WAS
- 9 "TRANSPORTING THE WASTES DURING THE PERIOD OF 1960
- 10 | THROUGH '71?
- 11 | A. I HAD NO KNOWLEDGE OF THEM TRANSPORTING
- 12 | WASTES PERIOD, LET ALONE, WHO. I HAD NO KNOWLEDGE
- 13 THAT ANY SUCH THING EXISTED.
- 14 O. WHY DIDN'T YOU HAVE ANY KNOWLEDGE?
- 15 A. THE PURCHASING DEPARTMENT WAS UNDER THE
- 16 JURISDICTION OF THE CONTROLLER.
- 17 Q. SO, IT WAS NOT WITHIN YOUR AREA OF
- 18 SUPERVISION AS PLANT MANAGER?
- 19 A. YES, THAT'S CORRECT.
- 20 O. WAS THERE A MANAGERIAL REASON FOR NOT
- 21 PUTTING IT UNDER YOUR AUSPICES?
- MR. KRANCER: IF YOU KNOW.
- 23 THE WITNESS: I THINK THE FINANCIAL
- 24 | -- I WOULD SUGGEST -- I WAS NOT INVOLVED WITH THE
- 25 | FINANCIAL OR SALES PORTION, SALES DIVISIONS OF THE

- 1 COMPANY; AND SINCE PURCHASING INVOLVED, I GUESS, A
- 2 GREAT DEAL OF APPROVAL FROM THE CONTROLLER'S
- 3 OFFICE, THE CONTROLLER CHOSE TO KEEP THAT UNDER
- 4 HIS JURISDICTION, BUT WITH ADVICE. HE SIGNED ALL
- 5 -- HE HAD FINAL AUTHORITY IN SIGNING ALL PURCHASE
- 6 ORDERS.
- 7 Q. I WANT YOU TO UNDERSTAND THE REASON FOR MY
- 8 QUESTION. IT SEEMS UNUSUAL THAT A PLANT MANAGER
- 9 WOULD NOT SUPERVISE THAT ASPECT OF THE OPERATION.
- 10 I DON'T DOUBT WHAT YOU'RE SAYING. I JUST WANT TO
- 11 UNDERSTAND WHY THAT WASN'T THE CASE HERE.
- 12 A. IT WAS A LITTLE DIFFERENT.
- 13 Q. WERE YOU AWARE THAT OFF-SITE DISPOSAL WAS
- 14 TAKING PLACE THAT THE PLANT GENERATED?
- 15 A. MY KNOWLEDGE WAS THAT WE WERE RECYCLING
- 16 DRUMS.
- 17 Q. DID YOU HAVE ANY KNOWLEDGE AT THE TIME,
- 18 BETWEEN 1960 AND THROUGH '71, LEAVING ASIDE WHAT
- 19 YOUR ATTORNEYS HAVE TOLD YOU TODAY, DO YOU HAVE
- 20 ANY KNOWLEDGE OF THE OPERATIONS OF MARVIN JONAS?
- 21 A. JUST WHAT I'VE READ IN THE PAPER.
- 22 Q. WHAT DID YOU READ IN THE PAPER DURING THAT
- 23 PERIOD?
- 24 | A. OH, DURING THAT PERIOD. I MEANT IN THE LAST
- 25 | -- NO, DURING THAT PERIOD, I WOULDN'T KNOW. I

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- 1 MEANT WHAT I'VE READ IN THE PAPER A COUPLE YEARS
- 2 AGO, REGARDING JONAS. LIPARI DUMP SITE HAS BEEN
- 3 IN THE PAPERS OVER AND OVER AGAIN. SO, YOU HAVE
- 4 TO HAVE SOME KNOWLEDGE OF THAT.
- 5 Q. LET'S TRY TO CONFINE, JUST FOR THE MOMENT,
- 6 YOUR TESTIMONY TO THE FERIOD -- CONTEMPORANEOUS
- 7 | PERIOD WHEN YOU WERE WORKING IN TRIANGLE FROM 1960
- 8 TO '71.
- 9 DID YOU DEAL WITH JONAS AT ALL?
- 10 % A. NO.
- 11 | O. DO YOU HAVE ANY KNOWLEDGE OF HIM AT ALL AT
- 12 | THAT TIME?
- 13 A. I HAD NO BUSINESS KNOWLEDGE WHATSOEVER,
- 14 EXCEPT HIS AD IN THE PHONE BOOK, WHICH I THINK WAS
- 15 PRETTY OBVIOUS. HE RECYCLED DRUMS.
- 16 O. DID YOU SEE HIM AT THE PLANT AT ALL?
- 17 A. NO.

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- 18 Q. DID YOU KNOW HE WAS SERVICING THE PLANT?
- 19 A. I DON'T RECALL WHETHER I KNEW THAT OR NOT.
- 20 | I REALLY DON'T. I AM NOT SURE. IT'S VERY
- 21 POSSIBLE THAT I WOULD HAVE KNOWN, BUT
- 22 | SPECIFICALLY, WHETHER HE WAS ONE OF FIVE OR SIX OR
- 23 TEN, I WOULDN'T KNOW.
- 24 0. DID YOU KNOW NAMES OF ANY OTHER WASTE
- 25 | HAULERS WHICH WERE SERVICING THE PLANT DURING THAT

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- 1 PERIOD?
- 2 A. WELL, THAT'S WHAT BOTHERS ME IN THIS WHOLE
- 3 | PICTURE NOW. I HAVE NO KNOWLEDGE OF WASTE WAS
- 4 | GOING OUT ANYWHERE. SO, TO MY KNOWLEDGE THESE
- 5 WERE DRUMS, AND WHAT WAS GOING IN, DRUMS THAT WERT
- 6 | DIRTY, NOT FILLED WITH MATERIALS, DRUMS THAT ARE
- 7 | DIRTY, THAT THE INK COMPANY EITHER DIDN'T TAKE
- 8 BACK AND THEY COULD BE CLEANED BY SEVERAL PEOPLE
- 9 | WHO HAD A CLEANING MACHINE, AND THEY CLEANED THEM
- 10 | AND REUSED THEM. THAT WAS MY KNOWLEDGE OF WHAT
- 11 WAS HAPPENING.
- 12 Q. ASIDE FROM WHAT YOUR ATTORNEYS TOLD YOU
- 13 ABOUT THE CASE TODAY AND ASIDE FROM WHAT YOU'VE
- 14 READ IN THE PAPERS, DID YOU LEARN FROM ANY OTHER
- 15 | SOURCES ABOUT THE ACTIVITIES OF MARVIN JONAS AT
- 16 THE TRIANGLE PLANT, ANY INFORMATION AT ALL?
- 17 A. YOU MEAN WHILE I WAS THERE?
- 18 Q. EITHER WHILE YOU WERE THERE OR SINCE THAT
- 19 | TIME?
- 20 A. YES, MR. SHEEHAN CALLED ME AND ASKED ME --
- 21 MR. SHEEHAN CALLED ME AND ASKED ME SOME QUESTIONS
- 22 ON THE PHONE, AND ASKED ME IF I WAS FAMILIAR WITH
- 23 | SOME OF THE THINGS THAT YOU'RE ASKING. AND I
- 24 DISCUSSED THAT WITH HIM ON THE PHONE, YES. HE
- 25 WOULD BE THE ONLY PERSON THAT I HAD ANY

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- 1 THE POSSIBILITIES. THAT'S ALL: THERE'S A
- 2 | SIGNATURE ON THERE.
- 3 O. WHOSE SIGNATURE WOULD THAT BE?
- 4 A. I AM TRYING TO DETERMINE WHOSE SIGNATURE.
- 5 I'M TRYING TO FIND OUT WHAT THIS MEANS.
- 6 | APPROVAL. I DON'T KNOW WHOSE SIGNATURE THAT IS.
- 7 THAT -- SOMEONE MIGHT KNOW.
- 8 Q. I TAKE IT, "HEY DON'T RING A BELL?
- 9 A. WHAT'S THIS (INDICATING)?
- 10 NO, I'M SURPRISED TO SEE THIS. SOMETHING
- 11 | CHANGED SOMEWHERES. IF IT OCCURRED -- IT DIDN'T
- 12 OCCUR PRIOR TO THIS?
- 13 Q. WE DON'T KNOW. IT MAY WELL HAVE. BUT THE
- 14 DOCUMENTS WE HAVE ARE DURING THIS PARTICULAR
- 15 PERIOD.

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- 16 THE SECOND QUESTION WAS: DO YOU HAVE ANY
- 17 IDEA WHAT SLUDGE THAT WOULD BE?
- 18 (A. IF IT'S TRUE, IF IT'S TRUE THAT THERE WAS 55
- 19 | GALLONS OF MATERIAL IN THERE, IF JONAS WAS REALLY
- 20 | NOT TAKING EMPTY DRUMS OUT, NOT TAKING EMPTY DRUMS
- 21 | AND CHARGING TRIANGLE, I MEAN THAT'S MY FIRST
- 22 | INCLINATION. I'M JUST WONDERING -- DID DI NARDO
- 23 | SAY THEY WERE FULL DRUMS?
- 24 | Q. DI NARDO'S TESTIMONY DIDN'T DEAL WITH THAT.
- 25 (A. IF JONAS WASN'T PULLING SOMETHING OVER ON

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- 1 THE COMPANY, I DON'T KNOW. IF IT'S TRUE, I'M
- 2 SURPRISED, BECAUSE MY KNOWLEDGE IS TO GET RID OF
- 3 EMPTY DRUMS THAT WERE ENCRUSTED INK. THAT WAS
- 4 | ORIGINALLY -- IT WAS TO BE CALLED FOR THAT
- 5 PURPOSE. NOW, I CAN'T ANSWER. THAT'S AS MUCH AS
- 6 I WOULD KNOW. I CAN GUESS AT ANY NUMBER OF THINGS
- 7 HERE. IT SOUNDS TO ME LIKE SOMETHING CHANGED.
- 8 THIS COULD NOT HAVE OCCURRED OVER A TEN-YEAR
- 9 PERIOD, I'M GOING TO SAY, WITHOUT MYSELF,
- 10 | SOMEWHERE ALONG THE LINE, HAVING GOT INVOLVED.
- 11 Q. MR. DI NARDO'S TESTIMONY WAS, HE BELIEVED --
- 12 | IF I REMEMBER CORRECTLY, HE BELIEVED THAT THOSE
- 13 DRUMS WERE SLUDGE INKS AND SOLVENTS FROM THE
- 14 | PRESSROOM?
- 15 A. YES, SLUDGE INKS, SLUDGE INKS BECAUSE THE
- 16. INK COMPANY WOULD BE TAKING THEM BACK. THAT'S MY
- 17 | WHOLE POINT HERE. THE INK COMPANY HAD AN
- 18 | AGREEMENT, I THINK, THEY WOULD TAKE ALL INKS BACK.
- 19 Q. I HAVE A COUPLE MORE QUESTIONS FOR YOU, MR.
- 20 CUTLER.
- 21 A. THE SLUDGES FROM THESE INKS ARE A MIXTURE OF
- 22 | PIGMENTS AND RESINS. I AM NOT AN EXPERT IN
- 23 | HAZARDOUS MATERIALS, BUT TODAY I WOULDN'T CONSIDER
- 24 THEM HAZARDOUS. THEY MAY BE, BUT I WOULDN'T
- 25 CONSIDER THEM.

- 1 Q. THAT'S WHY I'M GOING BACK TO IT SO I
- 2 UNDERSTAND IT.
- 3 A. THE INK COMPANY WOULD TAKE IT BACK. THAT
- 4 WAS PART OF OUR CONTRACT. THEY WERE TO TAKE ALL
- 5 EXCESS INKS AND SOLVENTS, REUSE THEM IN THEIR
- 6 | MANUFACTURE.
- 7 Q. WAS THE EXCESS TAKEN BACK, EXCESS AFTER THE
- 8 | SOLVENT RECOVERY OPERATION? WAS MORE SOLVENT
- 9 RECOVERED THAN COULD BE USED SO THAT A CERTAIN
- 10 AMOUNT OF THAT WAS RETURNED?
- 11 A. I WOULD SAY THERE WAS USUALLY -- LET ME
- 12 THINK ABOUT THAT. WOULD YOU REPEAT YOUR
- 13 | QUESTION?
- 14 Q. IT'S PROBABLY NOT EXACTLY THE SAME, BUT YOU
- 15 SAID THAT EXCESS SOLVENTS WERE TAKEN BACK BY THE
- 16 | INK COMPANY AND EXCESS INK WAS TAKEN BACK. ARE
- 17 THEY TWO SEPARATE THINGS? IF SO --
- 18 A. YES, ONE WOULD GO BACK IN A TANK CAR. THEY
- 19 WOULD COME IN WITH A TANK CAR. THE SOLVENT
- 20 WOULDN'T NORMALLY GO IN A DRUM. IT WOULD NOT BE
- 21 | ECONOMICAL TO SHIP IT IN A DRUM. AT THAT TIME,
- 22 SOLVENTS WERE LIKE 12 CENTS A GALLON. SO, THEY
- 23 WERE PUMPED FROM THE SOLVENT RECOVERY INTO A
- 24 TANKER TRUCK THAT THE INK COMPANY WOULD SEND DOWN,
- 25 THE SOLVENTS. THEY WOULDN'T BE INVOLVED WITH DRUM

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- 1 SHIPMENTS. I MEAN ANYTHING LIKE I'VE SEEN HERE
- 2 WOULD BE IMPROBABLE.
- 3 Q. HOW ABOUT INK? DID INK BECOME USED TO A
- 4 POINT WHERE IT WAS NO LONGER USABLE?
- 5 A. YES.
- 6 Q. WAS THAT INK TAKEN BACK?
- 7 A. YES, THAT INK WAS TAKEN BACK IN DRUMS BY THE
- 8 INK COMPANY.
- 9 0. WAS THIS INK COMPANY IMMONT?
- 10 | A. WELL, IT'S INTAG, I-N-T-A-G. THAT WAS THE
- 11 | ORIGINAL COMPANY AS I KNEW IT AND DEALT WITH IT
- 12 OVER THE YEARS.
- 13 ∥Q. WOULD THEY HAVE TAKEN INK BACK IN INTAG
- 14 | DRUMS? IF THE INK ORIGINALLY CAME FROM A DRUM
- 15 FROM INTAG, WOULD THE SAME DRUM BE USED?
- 16 A. OH, YEAH, THIS IS WHAT THESE DRUMS CAME
- 17 | FROM. ALL OF OUR DRUMS -- ALL 99 PERCENT WOULD
- 18 COME FROM ANY DRUM WE RECEIVED FROM THEM.
- 19 Q. DO YOU KNOW WHETHER THE INTAG DRUMS WOULD BE
- 20 | LABELED INTAG?
- 21 A. YES, YES, THEY ALWAYS HAD LABELS ON THEM.
- 22 THEY HAD TO BECAUSE THEY WOULD IDENTIFY THE INK
- 23 | BATCH NUMBERS.
- 24 Q. YOU MAY FINISH YOUR THOUGHT, IF YOU WOULD
- 25 | LIKE.

- 1 WAYS, BUT I WOULD HAVE TO SAY DRUMS. BUT I WOULD 2 HAVE TO TEMPER THAT WITH I BELIEVE, I BELIEVE IT
- 3 | WOULD BE DRUMS.
- 4 Q. JUST ONE MORE TIME SO I UNDERSTAND IT, WHY
- 5 WOULD THERE BE EXCESS INK? I CAN UNDERSTAND THAT
- 6 SOLVENT WAS CHEAP AND MORE WAS PRODUCED THAN
- 7 NECESSARY FOR USE. WHY WOULD THERE BE EXCESS INK
- 8 THAT WAS SENT BACK? WHAT WAS THAT FROM?
- 9 A. FROM THE COMPLETION OF A JOD, A JOB WOULD BE
- 10 | COMPLETE, A T.V. GUIDE WOULD BE PRINTED, AND AT
- 11 | THE POINT OF PRINTING, THERE WAS AN INK FOUNTAIN,
- 12 AND THOSE FOUNTAINS WERE EMPTIED. THEY MAY
- 13 || CONTAIN TEN GALLONS. I DON'T KNOW WHETHER IT
- 14 CONTAINED TEN GALLONS. IF IT WAS LEFT IN THE
- 15 CONTAINER, IT WOULD DRY AND IT WOULD BE A HELL OF
- 16 | A JOB TRYING TO CHIP THAT OUT. SO, THE INK HAD TO
- 17 BE DRAINED. IT WAS DRAINED IN THIS DRUM. WHICH
- 18 PRACTICE WAS, NOT TO THROW IT AWAY BECAUSE IT WAS
- 19 GOOD INK. THE PRACTICE WAS NOT TO THROW IT AWAY
- 20 OR SHIP IT OUT. I DON'T KNOW WHY THEY WOULD DO
- 21 IT. BUT IT WOULD BE PUT INTO A DRUM, AND IF
- 22 THERE'S ANY THOUGHT OF ANY CONTAMINATION, TO SEND
- 23 | LT INTO THIS LARGE TANK, AND THEY WOULD DRAIN OFF,
- 24 SAY, 90 PERCENT LEVEL, LEAVE 10 PERCENT, AND MAYBE
- 25 IF SOMEONE FELT THERE WAS A RAG ON THE BOTTOM

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- 1 SOMEWHERE, THEY WOULDN'T WANT TO GET THAT
- 2 CONTAMINATED. IT WOULD BE A VERY SMALL AMOUNT.
- DID MR. DI NARDO STATE THAT THESE WERE FULL
- 4 WASTE DRUMS?
- 5 Q. MR. DI NARDO --
- 6 A. STATED THEY WERE FULL WASTE DRUMS OF INK?
- 7 0. YOUR ATTORNEY MIGHT WANT TO ANSWER THAT.
- 8 MR. KRANCER: I DON'T THINK MR.
- 9 DI NARDO WENT INTO THAL.
- 10 THE WITNESS: I'M ALLUDING TO
- 11 | SOMETHING WRONG HERE.
- MR. WOODS: HE WASN'T CLEAR IN HIS
- 13 OWN MIND WHETHER THE DRUMS WERE FULL OR
- 14 OTHERWISE. HE JUST SAID THEY WERE DRUMS WITH INK
- 15 | SLUDGE IN THEM.
- 16 | THE WITNESS: IT WOULD NOT BE GIVEN
- 17 OUT. SOMEONE WOULD HAVE TO BE VERY DERELICT IN
- 18 THEIR JOB.
- 19 BY MS. RELATION:
- 20 Q. DID YOU SEE ANY DRUMS LABELED AS MARVIN
- 21 | JONAS' DRUMS OR UNLABELED AS -- THAT YOU COULD
- 22 | IDENTIFY THAT WERE NOT TRIANGLE OR INK COMPANY
- 23 DRUMS AROUND THE SITE?
- 24 A. I WOULDN'T BE FAMILIAR WITH WHAT WAS ON THE
- 25 | LOADING DOCK ITSELF. IF IT WAS IN THE PLANT, THEN

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- 1 I MIGHT HAVE PASSED BY. BUT I WAS NOT PRIVY TO
- 2 WATCHING THAT GO IN AND OUT. I WOULD NOT KNOW
- 3 WHAT WENT IN AND OUT.
- 4 0. YOU DON'T REMEMBER REGULARLY SEEING BLACK
- 5 DRUMS?

ť

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- 6 A. I NEVER SAW THE NAME JONAS.
- 7 Q. HOW ABOUT UNLABELED BLACK DRUMS THAT WOULD
- 8 NOT HAVE BEFN LABELED AS CONTAINING ANY KIND OF
- 9 INK COMILG IN, JUST UNLABELED BLACK DRUMS?
- 10 | A. YOU'D HAVE TO BUY DRUMS FOR THAT TO OCCUR.
- 11 (Q. LET ME MOVE ONTO AN EXHIBIT, AND MAYBE
- 12 YOU'LL UNDERSTAND WHY I'M ASKING THIS QUESTION.
- 13 | A. I AM NOT FAMILIAR OR SURE WHAT YOU'RE
- 14 GETTING AT OR ASKING.
- 15 Q. WITHIN GOVERNMENT'S EXHIBIT 30. I SHOWED
- 16 THIS TO MR. DI NARDO AND YOUR ATTORNEYS AS WELL AT
- 17 | THAT TIME, THERE'S A PURCHASE ORDER DATED FEBRUARY
- 18 | 5, 1970, WHICH STATES TO MARVIN JONAS: REMOVAL OF
- 19 SLUDGE IN DRUMS FROM OUR PLANT FOR YEAR 1970.
- 20 YOUR FIRM IS TO MAINTAIN A SUPPLY OF SUITABLE
- 21 EMPTY DRUMS IN OUR PLANT, AND I JUST POINT OUT TO
- 22 | THE WORD "SUITABLE". IT'S VERY HARD TO READ AS
- 23 EVERYTHING ELSE.
- 24 A. THE NAMES ARE IN HERE? FORREST LIGHTKAP.
- 25 THIS IS THE PERSON I AM TALKING ABOUT, THE ONLY

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_HI'BEAU	LES STATE DEPARTMENT OF ENVIRONMENTAL PROTECT CF SOLID WASTE MANAGEMENT X 2807 TRENTON, N.J. 08625	REGISTRATION STATEMENT FORM A SCLID/LIQUID WASTE COLLECTOR OR HAULER
*ction	INSTRUCTIONS — Read Carefully  Intermation in Section Exists to the opposite an Section C.  New applicants start application inflaction C.  2. Answer all questions in Section D. Incomprete application  3. Complete Vehicle Registration Statement and Checktronal  4. Submit fee payable to "Treasurer, State Gride Jersey".  5. Send all completed forms and fee to: Vivi	Agricult de returnes.
22/84985	Forms may be reproduced or additional forms Sureau of Solid Waste Management available from P.O. Box 2807 Trenton, New COMPLETE AND RETURN THIS FORM AT ONCO	Jersey 08625  E - DO NOT PAY UNTERSULES
5	Information in this Section was supplied by you last year. Cor  1. 09405301 2. INCORPORATED 3.  34. ** ENTER IN SECTION C 38. ** ENTER IN SECTION C 30. ** ENTER IN SECTION C 30. ** ENTER IN SECTION C 31. ** ENTER IN SECTION C 32. ** ENTER IN SECTION C 4. FEID 221849257 5. 6. MARVIN JUNAS INC 7. BARKRIDGE FD 8. SEWELL NJ 08080 9. 609-468-6129	1. Bureau of Solid Waste Management Number 2. Type Organization *(See Below) 3. Corporate or Partnership Cata (if any) 3A. Registered in State County 3B. Date of Filing 3C. Agents Name (Last First Init.) 3D. Agents Address 3E. Agents City State Zip Code 3F. Agents Area Code Telephone Number 4. Applicants Name (Last First Init.) 5. Company or Trade Name 7. Street Address 8. City State Zip Code 9. Applicants Area Code Telephone No. *If coverted it must be one of the fillowing — greaverted it must be one of the fillowing — greaverted powerhale, increased to municipality, county, state government, susherity, Agent of Feseral Government, nemerowing or other.
Section	Corrections to Section B or New Applicants. Enter correction  1. Sureau of Solid Wasfe Management Number  2. Type or Organization (See Below)  3. Corporate or Partnership Data (if any).  3A. Registered in State County.  3B. Data of Filing.  3C. Agents Name (Last First Init.).  3D. Agents Address.  3E. Applicants Federal Employer ID or Soc. Security No.  5. Applicants Name (Last First Init.)  5. Company or Trade Name.  7. Street Address.  8. City State Zip Code  9. Applicants Area Code Telephone Number.  1tt entered it must be one of the following - greaterer, perforance, incorporated, municipality, county, state government, authority.  Agent of Federal Government, numbers of cities.	Corporation  Corporation  New Jerev Gloucester  A. New Jerev Gloucester  3. 7/3/68  3c. Harris Cotton  3d. 25 N. Broad  3E. Woodbury. N.J. 08096  4. E FEID or SS  S. Jonas, Marrin  6. Marris Cotton  7. Activities Warrin  8. South E Jeres  9. South E Jeres  Only  Only  Only  118

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NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION DUREAU OF SOLID WASTE MANAGEMENT P.O. DOX 2007 TRENTON, N.J. 00625

OPERATIONAL STATEMENTS A SOLID/LIQUID WASTE COLLECTOR OR HAULER

## INSTRUCTIONS:

# READ CAREFULLY

PRINT OR TYPE

- 1. Enter your FEID or SS number from Section B, Line 4 or if new/corrected from Section C, Line 4 of the Registration Statement.
- 2. ESCh waste type for each originating Municipality/City and each disposal site is to have a separate entry. (See example on reverse).
- 3. Wastes are identified in Section D. Line 5 of the Registration Statement. Use the appropriate number to identify the waste.

- Spenioriginating Municipality/City and County, and disposal site.

  6. Entries are to reflect your operational activity for the period JANUARY 1, 1974 to DECEMBER 31, 1974

•			 	CIO or ss <u>2210490</u> 5	57	
	Enter your FEID	er SS Number Here		Disposal	Disposal	FOR OFFICE USE ONLY
Number Number	Disposed Amount Tons or Gallens	Originating Municipality or City	Originaling County	Winicipality or City	CCC CONFIGURATION CONTRACTOR CONT	04-27-12118
76	4.840gal8.	Pennsauken	Camden	Mantua	<b>A</b>	10.4. 727. 12101 12111
76_ 76	4,040ga18. 5,200ga18.	<u>Pennsauken</u> :	_New_York	Middlesex.	-Bocyclod	10-10P: 12111E
76 76	5,280gals.		Nov York Pennas	Vorhees	Rusby's	4.200: 1043:118 4.200: 10810A
76_ 76	45,900gals.		Penna	Mantua	_Kramer's	50-00-043118
76	10,400gal8.		Haryland	Hiddlesex VI., J.		150:00:10111111111111111111111111111111
<u>76</u> 76	10400gals.	Boundbrook	Someract	Pedrickton	Recyled Micap	1, 2, 1, 1, 2, 2, 2, 3
76	193,000gals.	Boundbrook 1	Somerint	Edinon	Scientific	18:04. 12030
<u> 76</u> . <u>76</u>	193,000gala.	_Boundbrook	Somerset	Mex Drunswick	Recycled	18-04-19-11-8
76	193,000qa18.	<u>Roundbrook</u> <u>Mid<b>4</b>1csex</u>	Somerset Hiddlesex		_Buzby	12-11 12050
- 76 - 76	32,000qa1s.	_Middlesex	Hiddlesex Hiddlesex	Carlstadt	S.C.P.	1,2, 1,1, 02,0,5,1

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NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION DUREAU OF SOLID WASTE MANAGEMENT P.O. DOX 2007 TRENTON, N.J. 00625

OPERATIONAL STATEMENT A SOLID/LIQUID WASTE COLLECTOR OR HAULER

#### INSTRUCTIONS:

## READ CAREFULLY

## PRINT OR TYPE

- 1. Enter your FEID or SS number from Section B, Line 4 or if new/corrected from Section C, Line 4 of the Registration Statement. Check if "FEID" or "SSI" is used.
- 2. Each waste type for each originating Municipality/City and each disposal site is to have a separate entry. (See example on reverse).
- 3. Wastes are identified in Section D. Line 5 of the Registration Statement. Use the appropriate minuter to identify the waste.
- 4. Record Solids in Tons and Liquids in Gallons.
- 5. Enter originating Minicipality/City and County, and disposal site.

OFFERINGS are to religious operational activity for the period JANUARY 1, 1974 to DECEMBER 31, 1974

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X, FEID

Enter your FEID or SS Number Here Originating Originating Disposal Diseasel Dissound Amoun Waste FOR OUT ICE USE ONLY Municipality or City Site Municipality or City County D Number Tens or Galleni 112, 111, 12,050 Scientific Edison R3 tons Midalesex Middlesex \_\_18 14 111 0205A S.C.P. **Hiddlesex** Carlstadt 83 tons Hiddlesex 10 7/2 00 DU3.4.B Vorheeu Duzby Penna. 10 2316 Long 4,2,00,0, 1,2,0,5,0 \_Scientific\_ Penna . Edison. 2316 t ons H.Y.-,0,0, ,0,SJ.0 A Delaware Mantua Kramer's 10 140 tons 44. .o.o. .u810A Kramer's Mantua Delaware 10 30 tons 114.00.04150 Delavare Glouceter Roadai !! 30 Lone D8 - 09 - 12 0 4A ck Herbert Bridegport, NJ New Brunswi Gloucester 22 Long D8. D9. .98101 Mantua 22 tons 102, 05, 02,056 Carlstadt 33.750 Bergen 70 102, 105, 1981 DA 33.750 Kramor!s. Mantua. 102-05, 09.07 F Municipal Kearny 33,750 **DUNS Dust** Trenton contorl 3 1 :

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NEW-MIET STATE DEPARTMENT OF ENVIRONMENTAL PROJECTION HUREAU OF SOLID WASTE MANAGEMENT PO. BOX 2007 TRENTON, N.J. 00625

OPERATIONAL STATEM A SOLID/LIQUID WAS COLLECTOR OR HAULE

### INSTRUCTIONS:

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## PRINT OR TYPE

- 1. Linter your FEID or SS number from Section D, Line 4 or if new/corrected from Section C, Line 4 of the Registration Statement. Check if "FCID" or "SS" is used.
- 2. Each waste type for each originating Municipality/City and each disposal site is to have a separate entry. (See example on reverse),
- II. INDITE The identified in Section D. Line 5 of the flegistration Statement. Use the appropriate number to identify the waste.
- 4. Heart Sulids in Tons and Liquids in Gallons.
- 5. Linter originating Municipality/City and County, and disposul site.
- in lawrifts & Boylettect your operational activity for the period JANUARY 1, 1974 to DECEMBER 31, 1974

		,- :t D ar SS Humber Here	k) ('1 , <del></del>	FEID or SS221049857_			
Maste Haste ID Number	Ossposed Amount Tons or Gallons	Originating Municipality or City	Originating County	Disposal Municipality or City	Disposal Site	FOR OFFICE USE ONLY	7
77 77	65,000gals. 187,500gals. 187,500gals.	Woodbury	Gloucester			14-12-12114114 14-12-122112114 14-12-09071	7
. ? ? _ . ? ? _	275,000gals, 7,500gals,	Linden	Union _Durlington	Calrata@t	Nunicipal S.C.Ľ 	57-03-0434	
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HEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SOLID WASTE MANAGEMENT P.O. BOX 2007 TRENTON, N.J. 00625 OPERATIONAL STATEM
A SOLID/LIQUID WAS
COLLECTOR OR HAIRE

#### INSTRUCTIONS:

## READ CAREFULLY

PRINT OR TYPE

- 1. Enter your FEID or \$5 number from Section B, Line 4 or if new/corrected from Section C, Line 4 of the Registration Statement.

  Check if "FEID" or "\$5" is used.
- 2. Each waste type for each eriginating Municipality/City and each disposal site is to have a separate entry. (See example on reverse).
- 3. Wastes are identified in Section D, Line 5 of the Registration Statement. Use the appropriate number to identify the waste.
- 4. Record Solids in Tons and Liquids in Gallons.
- 5. Enter originating Municipality/City and County, and disposal site.
- 8. Entries are to reflect your operational activity for the period JANUARY 1, 1974 to DECEMBER 31, 19

Vaște Number	Disposed Amount Tons or Gollens	Originating Municipality or City	Originating County	Disposal Municipality or City	Disposat Sile	FOR OFFICE USE ONLY
72	37,000 gal	Paulsboro	Gloucester	New Brunswick	Edgeboro	08-14-1204
72	67,000 gal	Beverly	Burlington	*		193 62 12.04
72	49,000 gal	Chester, N.Y.	New York			4,9 PP. 1204
72	07,000 gal	Carlstadt	<u>Dergen</u>		<u> </u>	00, 10,5, 10,04
72	41,000 gal		***			0.3-105-112,04
72	32,000 gal	E. Rutherford		• នូវន្ទន	21	107 12 1204
72_	23,000 gal	Pennsauken	Camden	**	<b>M</b>	104.,27.,12.04
72	49,000 gal.	Croyden	<u>Pennsylvania</u>		<u> </u>	42 09 1204
72	10,000 gal	New Holland	Pennsylvania			172.00.12.04
72	27.000 gal	Philadelphia :	<u> </u>	60	- H	HAGI. ,0,0, K.N
72	19,050 gal	* 1	<b>*</b>	**	**	4.2. 00 - 10.0.4
72	89,602 gal	Bound Brook	Somerset	Malvern, Pa.	Knickerbocker	المالا الجملات المالما الماليا
72	25,650 gal	Elizabeth	Union	<u> </u>		20, 04, 42,49
72	427,520 gal .	Edison .	Sussex	•• ·		12.024241.
72	134,000 gal	Hoodbury	Gloucester 🔆	**	<u>.                                    </u>	08-133-113.9.9
72	107,000 gal	Hoodbury	Gloucester	2.7	••	48: 22: 1129.75

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HEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION DUREAU OF SOLID WASTE MANAGEMENT P.O. DOX 2007 TRENTON, N.J. 00625

A SOLID/LIQUID WALL COLLECTOR OR HAULE

### INSTRUCTIONS:

## **READ CAREFULLY**

## PRINT OR TYPE

- 1. Enter your FEID or \$3 number from Section B, Line 4 or if new/corrected from Section C, Line 4 of the Registration Statement.

  Check if "FEID" or "\$3" is used.
- 2. Each waste type for each eriginating Municipality/City and each disposal site is to have a separate entry. (See example on reverse).
- 3. Wastes are identified in Section D. Line 5 of the Registration Statement. Use the appropriate number to identify the waste.
- 4. Record Solids in Tons and Liquids in Gallons.
- 5. Enter originating Municipality/City and County, and disposal site.
- 6. Entries are to reflect your eperational activity for the period JANUALLY 1, 1974 to DECEMBER 31, 1974

			(3)	FEID .		<del>-</del>	_ !
1	Enter your FE	ID or SS Number Here ——	(`)	ss221849n57			
Waste ID Number	Disposed Amount Tons or Gallens	Originating Municipality or City	Originating County	Disposal Municipality or City	Dispesal Site	FOR OFFICE USE ONLY	
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712	427~from_	-Philadelphia	_Ponnsylvania	<u> </u>	<u>0.31 -                                   </u>	والمراسان لراستان لوالتراساي	1
7118	63 ton	<b>Hoodbury</b>	_Gloucester	<u> </u>		38-55-43141	-
21.18	137 ton	Hoodbury	<u> </u>			<u> </u>	./
21/18	38 ton_	Salem	_Salom			17:49:49	1
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7	2-21-7U	R-3	133533				3,25		220	-		445
8	3-7-70	5.7		14	100	-		·	330	٧٠	. 33 11 33	320
9	3-20-10	N-6	13:71.59				100	<b>-</b> -	330	œ		320
10	3.25.70	R-6	135503	1			220		_	-		220
1 1	4-4-70	5-11	1160	A	170	w		·	סרו	00		
12	4-18	5-12	6292	7	<i>7</i> a	00			242	00		100
13	4	5-13	1199	id	<u>55</u>	w			297	00		2/2
14	5-1	R-11	147130	A			170	00	127	00		297
15	5-12	19.13	1496 RE	n			/37	_		-		127
16	5-13	5.15	1222		100	00			100	vo		% ************************************
17	5-29	5-17	1235	12	44	۲۲			194	co		100
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24	٠	1,	167715				155	_	60	-		
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SAFEGUARD BUSINESS SYSTEMS
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ACCOUNTS RECEIVABLE LEDGER

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1135	-	270	-	165.				1434	R-29	12.24	14
סרכ	_	145	-	125				1458	B-30	12.31	15
145	-	125			_	80	ادا	1486	5-41	12-31	16
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5	4.30	R-39	1577	U	ļ <u>.</u>	<u> </u>	110	-	349	<u>-</u>		<u> </u>
6	5-11	1-53	1632	K	91	_			440	-		344
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14	7-19	R-45	1590	2	<u></u> _		15%	<u> -</u> _	286	-		442
15	2:30	A.46	1684	1			136.	50	149	50		286
16	8-10	8-61	1722	2	227	50			377	-		149
17	820	R-47	1703	2			149.	50	227.	50		377
18	9-3	R-48	1722	2			227	50	<u></u>		u list.	227
19	8-24	163	1746	2	143	<u> </u>			143	-	600 666	
20	9.21	1-65	1765	و	104				247	-	ijý.	143
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22	10-12	1107	1791	4	240.	Ð	<u>.</u>		344	50		104
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SAFEGUARO BUSINESS SYSTEMS LANSDALE PA CHICAGO ILL LOS ANGELES CALIF

ACCOUNTS RECEIVABLE LEDGER

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11-9	1.70	1830	Ĺ	139	50			217	50		78
11-16	1.71	1843	7	123	50			341	-		217
11-19	R-55	1810	3			78	-	263			3.4
11.30	8.72	1861	1	273			-	5-36	-		263
12-17	1-74	1881	7	104	-			640	-		534
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SAFEGUARD BUSINESS SYSTEMS
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CHICAGO ILL LOS ANGELES CALIF

ACCOUNTS RECEIVABLE LEDGER

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	3	±0L;0	DETAIL	1	or <b>e</b> r	,	CHEC	Ţ	HALAN	Cf	i,	PETC _	ř F
1	6.7	1-91	2163		143	-			546			403	-
<b>-</b> 2	6-16	A.24	2108	لدر			227	50	3/8	50		546	
3	6.21	1-93	2189	  L	305	50			624	L		318	50
4	6-26	1-93	2203	6	25			ļ 	649			634	-
5	7-14	A-76	2150	: کائے۔	i 		175	50	473	50		649	-
6	7:11	1-95	2224		221				694.	50		473	50
7	728	B-22	2203	16			25	-	669	50	111 Y	694	20
8	7.25	8-97	2254		1.50	-			819	50	, 60 mg.	469	50
9	8-11	R-28	2163, 2224	1,7			364	ļ 	455	50	(1/3) (1/3)	819	50
10	8-15	R-79	2189	_ -			305	50	150	-		455	50
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14	9-30	2-103	2329	1 2	214.	50			446	50		132	4000
15	9-8	8-83	2 301	ندر			208		238	50		146	63
16	9-8	A.83	07054	2/			24	-	214	50		298	50
17	9.12	1-105	2371	23	253	50			468	_		214	50
18	9-22	R 83	2329	72	ļ <u>.</u>	ļ	214.	50	253	50		42	
19	9-29	B 84	2371	23	<b></b>		253	50		-		265	50
20	9-27	1.107	2408		130	<u> </u>			130	<u> </u>			10. 13/2001 1001
ا 2	9.28	1-107	A7089	244	12	_			202	<u> </u>		130	
22	10-2	1-108	1095	75	12	-			274	-		202	
23	10-3	1-108	2432	21	234		<b></b>		508	-		274	_
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SAFEQUARD BUSINESS SYSTEMS
LANSDALE PA
CMICAGO ILL LOS ANGELES CALIF

ACCOUNTS RECEIVABLE LEDGER

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1	10-25	1-111	2488	-	da!	-			228.	50		507
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3	11 - 3	R89	2447	ملد			201	50	221	-		422
4	11-7	1-112	2518	56	240	50		<u> </u>	441	50		221
5	11-17	B.91	2488	22			221	-	240	50		461
6	11.29	8115	2560	24	325	-	L	ļ	565	50		240
7	12-1	R43	2518	20			240	50	325	ļ <u>-</u>		565
8	12-12	8-116	2408	નુપ	370	50		<u> </u>	695	50		325
9	12:22	B-96	2560	-19			325	-	370	50		195
18	γ <del>)</del> ,	119	7175	31	46	-			410	50		370
11	1-3	119	2656	*1	260	-			670	50		410
12	1-12	R99	2608	39	-		370	50	300	<u> </u>	23.3 3.60	670
13	1.15	1121	2695	33	468	_			748	-		300
14	1-25	8122A	7198	12	70	-			838	-		768
15	1.26	1,22A	7199	32	24	-			862	_		838
16	2-1	A102	7175, 2656	31			310	-	562	_		862
17	1-31	123	2742	73	429	-			991	-		562
18	2-15	dial	2810	33	338				1329		11.1	991
19	2-15	A126	7218	37	48				1377	<u> </u>		324
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22	3-9	1129	2891	35	227.	த			1768	-		540
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24	371	1151	2947	35	247	_			2151	50		1904
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SAFEGUARD BUSINESS SYSTEMS
LANSDALE PA
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SAFEGUARD BUSINESS SYSTEMS

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ACCOUNTS RECEIVABLE LEDGER

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ALLHEUS CITY

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580	5U 1	155			-	11-9	?	3792	194	10-12	12
125	-	1269			50	513	10	4215	827	10-29	13
126	-	1428				16.7	12	+023	128	10-31	14
14/3	50	1561			50	/23	ıt.	4638	129	11-12	15
15%	-	806	50	755			ÿ	7364, 3714.	Rat	11-16	16
800	- is	1040			-	334	13	4608	831	11-19	17
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524	50	591			-	65	14	7406	1d-2	12-3	19
591	-	923			50	33/	15	4538	<i>234</i>	12-3	20
22:	-	754	-	169			114	4693	R32	12-7	2 1
254		962			_	208.	14	4501	-136	12-10	22
gui	50	838	50	133			11	4638	B37	12/26	23
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3	1/15	R3	4561	1	) 		265		630	<u>52</u>	838
4	1/21	Su	4342	1	331	50			962	-	630
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SAFEGUARD BUSINESS SYSTEMS

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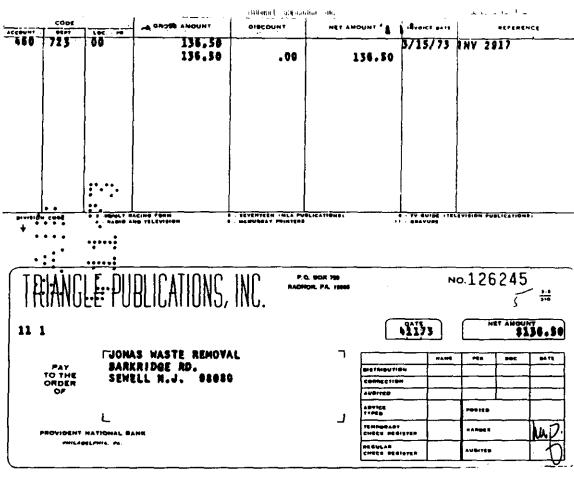
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DIVISION OF MARVIN JONAS, INC.
BARKRIDGE RD. - SEWELL N. 3. 08080
PHILA (215) SA 7-1118 - N. J. 1-609-468-6128
MAR 2 2 19/3

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INVOICE NO. 2917

ACCOUNTING DEPT. INVOICE DATE 3/15/73
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COMMITTEE COMMIT

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## Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

INVOICE NO.

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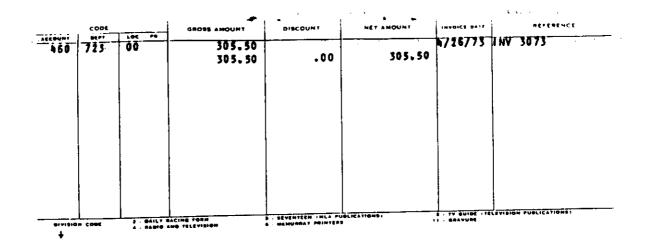
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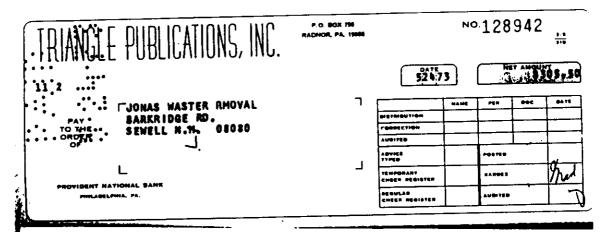
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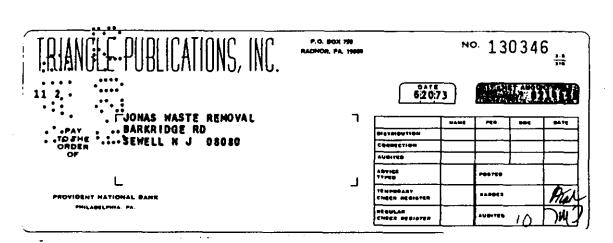
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BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1116 - N. J. 1-609-468-6128

### ACCOUNTS PAYABLE

INVOICE Nº 3127

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to 431 N. 15th St.
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#### Jonas Waste Removal BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

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QUANTITY			DESCRIPTION	IVISION	PRICE	ANOUNT
37	drums	of sludge	removed RAVVIII	W. S.	6,50	240.5
	**************************************		PO 173/24	and a		
			Train 7	23 240,50		
			1460-7	NO /		
			/ADT	1		14

:-{-			TRIANGLE PUBLICATIO	YS. INC.		132261		
ecoup)	CODE	LOG PA.	GROSS AMOUNT	DISCOUNT	NET AMOUNT			REFERENCE
460	723	00	240.50 240.50	.00	240.50	6/12/73	INV.	3261
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								14
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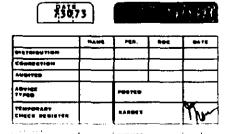
F.O. BOX 788

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NO. 132261

JONAS WASTER REMOVAL --BARKRIDGE RD. SEWELL N.J. 08080

31



PROVIDENT NATIONAL BANK

#### Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

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INVOICE NO.

Vº 1160

INVOICE

April 4,1970

Trigangle Publications
440 N. Broad Sts.
Phila., Penna. 19101

SHIPPED TO

QUE GROEF NG.	WO841	SALESMAN	TERMS	SHIPPED VIA		PPD OR C
UUANTITY			GESCRIPTION		PRICE	AMOUNT
34	   Sludge I	Orums removed			5.00	170.0
			PERAFICE DIVIS	ON ;		
		_	5 2. May 7.			
	ا د	AYABLE	Mark Community of		<u> </u> 	
<b></b>	DUNITE P		Communa & Foreign			
,,,,,,			Chy, in vicat, No. 1			
			1			
			Approved	all		

# Jonas Steel Drum Co. DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

JPR 2

INVOICE NO.

10 6292

INVOICE

DATE April 18,1970

SOLD TO

Triangle Publications Inc. 440 N. Broad Sts. Phila., Penna. 19101

SHIPPED

TO

OUR ORDER NO.	1-34531	SALESMAN	TERMS	SHIPPED VIA		PPG OR COL
YTITPALD			DESCRIPTION		PRICE	AMOUNT
24	55 gal.	OH Drums	light weight		3.00	72.00
				- Á		

#### Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)SA 7-1118 - N. J. 1-809-468-6128

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INVOICE

77/25/770

Triangle Publications
Crawwo Division
431 N. 15th St.
Phila. Pa. 10120

SHIPPED TO

OUR ORDER NO.	YOUR ORDER NO.	SALESMAN	TERMS	SHIPPED VIA		PPG OR COLU
QUANTITY			DESCRIPTION		PRICE	AMOUNT
20	sludge	drums re	moved  CIR:	N STO	5.00	12=.0
	المان و المان	TS PAY				

## Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

NO. NO. 1486

DATE

12/29/70

SOLD TO Triangle Publications Gravure Division 431 M. 15th St. Phila. Pa. 19130

SHIPPED TO

OUR ORDER NO.	1093	SALESMAN	TERMS	SHIPPED VIA		PPD OR COL
QUANTITY			DESCRIPTION	) of	PRICE	AMOUNT
<u>:</u> 6	sludge	drums rer	noved The state of	JE W	5.00	80.00
:			= 12			
			- Agreement			

AN 5 1971

#### Jonas Waste Removal

DIVISION OF MARVIN JONAS, INC.

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)SA 7-1118 - N. J. 1-609-468-6128 · EEB 10 /21,

INVOICE NO.

Nº 1525

INVOICE DATE

2/3/71

SOLD TO

*(* 

Triangle Publications
Gravure Division
431 N. 15th St. Phila.19130

SHIPPED TO

OUR ORDER NO.	1120	SALESHAN	TEMES	SHIPPED VIA		FPO. OF COL
QUANTITY			DESCRIPTION	.;/	PRICE	AMOUNT
19	skudge	drums re	move the later of	J. S.	5.00	95.01
			A.			
			الماريخ المارية			
			News to be good.	Whi		

## Jones Waste Removal DIVISION OF MARVIN JONAS, INC.

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

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No

1558

INVOICE DATE

3/2/71

SOLD TO

Triangle Publications Gravure Division 431 N. 15th St. Phila. Pa. 19130

SHIPPED

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ON THE PROPERTY.	1137	SALESMAN	YERMS	SHPPED VIA		PPG 00 COLL
OUANTITY			DESCRIPTION (2)	G.Y.	PRICE	AMOUNT
47	slud	lge arums	removed	8	5,00	235.00
8	M.T.	arums fo	r credit		1.00	- 8.00
!			3/2			227.00
			Fixting.	مراجع المحادث		
			UNA T	7/2000		
			0879	Part W		
Ì						
	i					

## Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. SEWELL, N. J. 080

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)5A 7-1118 - N. J. 1-609-468-6128

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INVOICE

DATE

4/14/71

SOLD

Traingle Publications Gravure Division 431 N. 15th St. Phila. Pa. 19130

SHIPPED TO

OUR ORDER NO.	YOUR ORDER NO. 1181	SALESMAN	TERMS	SHIPPED VIA		PPG OR COLL
QUANTITY			DESCRIPTION		PRICE	AMOUNT
22	sludge	drums rem	مر المراجعة	ST.	6.50	143.0
			T 4114			
,			The State	143.		
			19913.00	Priv/		

MAY 1 2 1971

### Jonas Waste Removal

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA, (215)SA 7-1118 - N. J. 1-609-468-6128

NO. NO. 1632

INVOICE

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5/4/71

Triangle Publications
Gravure Division
431 N. 15th St.
Phila. Pa. 19130

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SHIPPED TO

то

	Your order No.	SALPIM	TEMAS	SHPPED VIA		PPO. OF COL
YTITHAUD			GESCRIPTION		PRICE	AMOUNT
14	drums		CRAVURE DIVISION  P. O. No.  Extermions J. Fontings O. K.  Chg. to Acct. No.		6.50	91.00
			700000000000000000000000000000000000000			

#### Jonas Waste Removal

DIVISION OF MARVIN JONAS, INC.

JUL 1 1971

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)SA 7-1118 - N. J. 1-609-468-6128

No.  $N^{o}$  1684

INVOICE

6/22/71

SOLD TO Triangle Publications Gravure Division 431 N. 15th St. Phila. Pa. 19130

SHIPPED

TO

UR ORDER NO.	YOUR ORDER NO.	SALESMAN	TERMS	SHPPED VIA		PPR OF COL
*QUANTITY	1225		DESCRIPTION		PRICE	AMOUNT
21	drums	of sludge	removed	DIVISION P	6.50	136.50
			GRAVURE.	MS.		
			Date (Junior) Was vincia	orner di		

Jonas Wasie Removal.

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)SA 7-1118 - N. J. 1-609-468-6128

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INVOICE NO. 1746

INVOICE

8/24/71

Triangle Publications of Gravure Division 431 N. 15th St.
Phila. Pa. 19130

SHIPPED TO

XUR ORDER NO.	1884	SAL FEMAN	TEAMS	SHPPED VIA		PPG OF COLL
PHITHAUP			DESCRIPTION		PRICE	AMOUNT
22	drums of	sludge r	emoved CRAVURS,D	PST-W-Y	6.50	143.0
			3.0.3.			
			Dais (18)			
			Cake to Master Co.			
				p.g.		

GUT 13 1979

Jonas Waste Removal
DIVISION OF MARVIN JONAS, INC.
BARKRIDGE RD. - SEWELL, N. J. 08080

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

NO. NO. 1791

INVOICE

10/8/71

Triangle Publications
TO Gravure Division
431 N. 15th St.
Phila. Pa. 19130

SHIPPED TO

IR ORDER HO.	1	SALESMAN	TÉRNOS	SWFFED VIA		PPG ON COL
	1918					
GUARTIT.			DESCRIPTION	<del></del>	PRICE	AMOUNT
3'7	drums	of sludge	removed	W SICK	6.50 23/823/8	240.5
			المناه ال	The state of the s		
			ADPIONE	12		

## Jonas Waste Removal

BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)SA 7-1118 - N. J. 1-609-468-6128

NO. NO. 1810

Triangle Publications
Gravure Division
431 N· 15th St.
Phila. Pa. 19130

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INVOICE 10/20/71

SHIPPED TO

OCT 27 1071

OLIF DROET NO.	YOUR ORDER NO. 1930	SALESHAM	TERMS	SHIFTED VIA		PPD OR COL
QUANTITY			DESCRIPTION		PRICE	AMOUNT
12	drums o	of sludge	removed	THE Y	6.50	78.00
	14 14 14 14 14		N <u>I</u>	. 7- 4		
ļ			j.4.	P3		
			Approved			

#### Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215)5A 7-1118 - N. J. 1-609-468-6128

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INVOICE NO. 1765

Triangle Publishing 431 N. 15th St. Phila. Pa. 19130

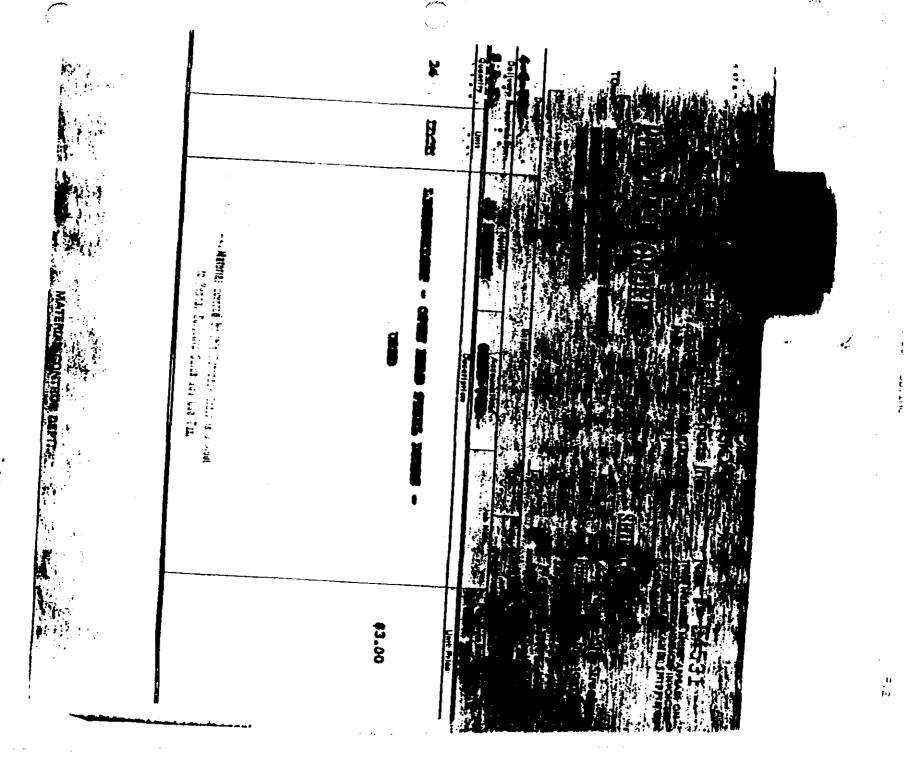
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INVOICE DATE

9/15/71

SHIPPED TO

OUR ORDEP NO.	YOUR CAJER NO.	SALESMAN	TERMIS	SAFFED VIA		PPG OF COLL
OUAPTITY	1900		DESCRIPTION		PRICE	AMOUNT
16	drums (	of sludge	removed		6.50	104.0
				11 1 1		
			Toruved	- ja		



HARKRIDGE RD. - SEWELL, N. J. 00000 PHILA. (215)5A 7-1110 - N. J. 1-609-468-6128

NO. NO. 1684

INVOICE

6/22/71

Triangle Publications
Gravure Division
431 N. 15th St.
Phila. Pa. 19130

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OPDIP HO. YO	94 0964 H0. 1225•	SALE SMAN	IZAMS	RHPTED YIA		Pro. on Cole
THINKUO		· <del></del>	DESCRIPTION		PRICE	THUOHA
21	drums	of sludge	P. O. No. / Date Quantity with Prec'd Externitive & For	orings _	6,50	136.50

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BARKRIDGE RD. - SEWELL, N. J. 00000 PHILA. (215)5A 7-HIB - N. J. 1-609-468-6128

INVOICE NO. 1746

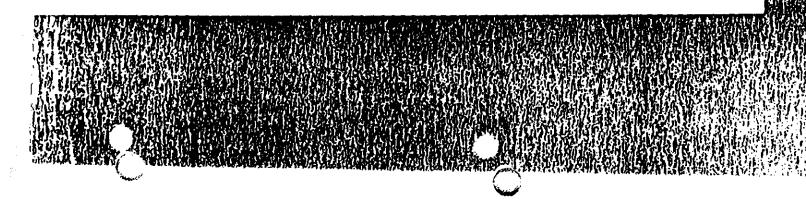
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Triangle Publications SCR To Gravure Division . 431 N. 15th St. Phila. Pa. 19130

(FE CHOOLE HO.	TOUT PAY HO.	SALESMAN	TERMS	SHIFTED VIA		FPB 04 COLL
oparity	1804	<del> </del>	DESCRIPTION		PRICE	AHOUNT
21:	eleame of	sludge re		Jay 2 V	6.50	143.0
	•••••	Staage X	CRAVURE DE	12 EST		<u></u>
	•		app find the street	13.12		
·			O460-723	PARCE		



## BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-488-8128

NO. NO. 1810:

INVOICE

DATE

10/20/71

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Triangle Publications
Gravure Division
431 N· 15th St.
Phila. Pg. 19130

SHIPPED TO

OCT 27 1071

DUA DADEA AD.	100% 2706# HO.	SALESMAN	TERMS	SHIFFED VIA		PPD DR COLL
quarter		<del></del>	BESCRIPTION		PRICE	ANOUNT
.12	drums o	f sludge r	emoved JSURI	112911	6.50	78.00
	:···:	ı´	The state of the s			
			0400-7:3	V2V	·	
			Approvad		IT # 30 5-17-10	Dly

Jonas Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128 Triangle Publications SHIPPED 431 N. 15th St. ACCOUNTING DEPT. Phial. Pa. 19130 SALESMAN TERMS OUR ORDER NO. YOUR QROER NO. SHIPPED VIA PPD OR CE DESCRIPTION QUARTITY PRICE AMOUNT drums of sludge removed 40 6.50 260. 0460-723 Approved

### nas Waste Removal BARKRIDGE RD. - SEWELL, N. J. 08080

PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

INVOICE NO.

3296 No

INVOICE DATE

6/19/73

Triangle Publications 431 N. 15th St. Phila. Pa. 19130

SHIPPED

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UR ORDER NO.	YOUR ORDER NO.	SALESMAN	TERMS	SHIPPED VIA		PPB. OF COLL
THITAGO			DESCRIPTION		PRICE	AMOUNT
24	drums	of waste r	PRAVIATABLE 1989	WISION	6.50	156.0
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P.O. BOX 750 RADNOR, PA. 19066 NO. 140911

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TO THE ORDER OF

JONAS WASIE REMOVAL BARKRIDGE ROAD 08080 SEWELL, NEW JERSEY

PROVIDENT NATIONAL BANK

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Waste Removal DIVISION OF MARVIN JONAS, INC. BARKRIDGE RD. - SEWELL, N. J. 08080 PHILA. (215) SA 7-1118 - N. J. 1-609-468-6128

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INVOICE

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ACCOUNTING DEPT.

Triangle Publications .431 N. 15th St. Phila., Pa. 19130

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IR ORDER NO.	YOUR ORDER NO.	SALESMAN	TERMS	SHPPED VIA			PPG GB	COL
				<u></u>	Pf	nCE	AMQUA	47
QUANTITY	•		DESCRIPTION				_	
	••••		EG. 1. (N. 008)	. shippers no.	6.	50	234	.0
36	studge	drums remov	11/1/2	w 2948				
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UNITED STATES DISTRICT COURT FOR THE DISTRICT OF NEW JERSEY 84-0152 CIVIL ACTION NO. 2 3 STATE OF NEW JERSEY, DEPARTMENT OF ENVIRONMENTAL PROTECTION. 5 Plaintiff, 6 vs. 7 GLOUGESTER ENVIRONMENTAL HANAGEMENT SERVICES, INC., et als., 9 Defendants. 10 June 9, 1987 11 11 Oral swern deposition of David Bumbaugn, 133 Spilt Rock Road, Browns Mills, New Jersey, taken in 13 - law offices of Archer & Greiner, Esquires, One Centennial Square, Haddonfield, New Jersey, pefore David J. Bateman, Certified Shorthand Reporter and Notary Public of the State of New Jersey, on the above date, commencing at 11:00 A.M., there being present: 16 MARTY M. JUDGE, ESQUIRE, 17 Deputy Attorney General Attorney for Plaintiff. 18 ARCHER & GREINER, ESQUIRES, 19 BY: CHRISTOPHER R. GIBSON. ESQUIRE, Attorneys for Defendants Morton-Thicko 20 and Cartainteed 21 SCHUENEMANN, GERCKE & DUMSER, ESQUIRES, BY: STEVEN E. FELD, ESQUIRE, 22 Attorneys for Defendant Modern Way Refuse 23

DEGNAN & BATEMAN. INC. (609) 795-5262

CRUMMY, DelDEO, DOLAN, GRIFFINGER

& VECCHICNE, ESQUIRES,

24

25

1	Q Thiokol Chemical Corp in Trenton, New Jersey?
2	A That could be the place with the railroad
3	tracks behind it.
4	Q Again, you can't really describe the location
5	of that place any better than saying it's near some
6	railroad tracks?
7	A If I was there I could tall you, but going
3	back as far as you are trying to make me go back.
9	you are going to get a few things that are mixed up.
10	Q What about Total Disposal in Philadelphia?
11	a No.
12	Q Trash Removers or Toxic Waste Removers?
13	A No.
14	Q Trenton Fiber Drum Company in Trenton?
15	A We use to sell them drums, but that wasn't a
16	dealing that I had with them when I worked with Mr.
17	Jonas.
18	Q Triangle Publicatons?
19	A Yes.
20	Q What dealings did Jonas have with Triangle?
21	A Full and empty drums.
22	Q Did you yourself ever haul full drums from
23	Triançle?
24	A Yes, but I want to make sure it's the right
25	place, that's the problem. I remember Triangle

```
Publications, I use to go there like every other
 2
    month. It was practy regular. I didn't really pick
 3
    up a lot of stuff there. It was a small holding
    area they had. It was only like two or three, four
    drums of waste at a time, and maybe 30 or 40 drums.
 5
 ô
           What do you mean two to four drums at a time?
7
    30 to 40 total that you ever picked up there, is
8
    that what you are saying?
           No, no. The times I went there they only had
9
   like two, three, four full drums and maybe 30, 40
11
    empty. I think they use to make the TV Guide.
12
           For how long of a period of time did you go
   there every other month?
14
           Couple years.
15
           Do you know what kind of waste you hauled
   from there?
16
17
           It was a solvent waste. It was basically a
18
   cleaning solvent.
19
           Did you ever see that waste?
20
   A
          Yes.
21
           What did it look like?
22
           Dirty solvent, black, different colors.
23
           Can you tell us about the colors? You said
2-
   black.
25
          Just gray. It looked like they used it to
   A
```

1	clean ink off whatever they did, I guess their
2	printing rollers and stuff like that.
3	Q Can you describe it's consistency?
4	A Very light liquid. Definitely a solvent.
5	MS. BARNETT: Did it have a
6	distinctive odor or smell?
7	THE WITNESS: Like a solvent when you
8	clean your paint brushes and stuff.
9	MS. BARNETT: Did it smell flammable?
10	THE WITNESS: Oh, sure.
11	HR. BARNETT: I request you describe
12	what flammable smells like.
13	THE WITNESS: Well, it is kind of
14	hard, but if you paint cars, you can like
15	you just you can smell it's flammable. It
16	is hard to describe it.
17	MS. BARNETT: Do all solvents smell
18	flammable to you?
19	MR. JUDGE: Objection to form.
20	MS. BARNETT: Do all solvents smell
21	flammable to you?
22	THE WITNESS: No, just the
23	generalization of them. I deal with a lot of
24	solvents from being mechanical, cleaning
25	parts, being in the drum area, the thinners,

and being to all these different companies. 2 MS. BARNETT: Does each solvent have 3 a distinctive small? 1 THE WITNESS: Some of them do. 5 MEK, you can spot that far away. Like 6 Mylene and toluene, that has a distinctive 7 Mylene isn't distinctive. A lot of smell. 3 denatured alcohols and stuff like that. For 9 instance, you know what alcohol smells like. 10 you know, or Witch Hazel or something like 11 that. 12 MS. BARNETT: Thank you. BY MS. LeBEAU: 14 Do you know the names of other drivers that 15 use to go to Triangle Publications and pick up 16 waste? 17 When I was with Marvin I was pretty much the :8 only one because I went there in a straight truck. 19 Can you tell us anything about -- anything 20 other than what you have told us about that waste? 21 No. 22 Tyco Industries in Moorestown? 23 No. I can't tell you nothing about that. 24 Tyndale Company in Gloudester City, New 25 Jersey?